

Liner Kit for **CATERPILLAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
C9 (Cast Iron)	112.00	6		197-9297-00 238-2736-02		
Cast Iron Piston: Round Combustion Chamber 81mm LINER:				Length 98.2 Comp. Height 65.0 Pin Dia. 46.0 Length 91.5	Fitting Dia. 129.0 Length 222.0 Flange Dia. 120.1 F/Dep. 10.0 F 1.0	1st 3.0K 2nd 3.0 Oil 4.0
C-9 (Cast Iron)	112.00	6		265-1401-00 324-7380-00		
Cast Iron Piston: Round Combustion Chamber 80mm LINER:				Length 98.2 Comp. Height 65.0 Pin Dia. 46.0 Length 91.5	Fitting Dia. 129.0 Length 222.0 Flange Dia. 120.1 F/Dep. 10.0 F 1.0	1st 3.5K 2nd 3.0 Oil 4.0
C10 (Cast Iron)	125.00			133-7098 238-2710		
Cast Iron Piston: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd Oil
C12 (Cast Iron)	130.00			144-2948 238-2712		
Cast Iron Piston: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd Oil

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D315 D318	143.30	4 6			4F6486	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 131.78 Length 271.12 Flange Dia. 142.49 F/Dep. 9.52 F 1.17	1st 2nd Oil
D330A D333A	114.30	4			8S2240	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 131.75 Length 263.86 Flange Dia. 139.34 F/Dep. 10.20 F 1.17	1st 2nd Oil
D343 D346	137.16	6 8			6N8700	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 155.37 Length 305.13 Flange Dia. 165.23 F/Dep. 13.39 F 1.17	1st 2nd Oil
D348 D349	137.16	12 16			6N8700	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 155.37 Length 305.13 Flange Dia. 165.23 F/Dep. 13.39 F 1.17	1st 2nd Oil

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ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
D339 D342C D342C D386	146.05	4 6 8 12			8N5676	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 168.07 Length 382.09 Flange Dia. 177.50 F/Dep. 12.70 F 1.16	1st 2nd Oil
D335 D379 D398 D399	158.75	6 8 12 16			8N9174	
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 180.82 Length 382.07 Flange Dia. 190.58 F/Dep. 12.85 F 1.12	1st 2nd Oil
3116	105.00	6		107-7545 238-2716	7C6208	
Piston: Round Combustion Chamber 69mm LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. 109.76 Length 196.85 Flange Dia. F/Dep. F	1st 2nd Oil
3126	110.0	6		133-4983 238-2726		
PISTON: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd Oil

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ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3306 425 CID ~ 7.0L (3304) CID ~ 10.5L(3306)	120.64	6	638	1W6757	2P8889	2W6091
Piston: Dual AL-FIN with Heat Plug, Round Combustion Chamber 85mm LINER: Induction Hardened Piston Pin: 7N9805 Retainer: 1S9543 ring: 5S6670 / 3W6134			Liner O-	Length 130.00 Comp. Height 73.90 Pin Dia. 43.16 Length 94.98	Fitting Dia. 134.34 Length 255.06 Flange Dia. 142.98 F/Dep. 10.31 F 1.02	1st 3.175 2nd 2.380 Oil 3.175
3306 425 CID ~ 7.0L (3304) CID ~ 10.5L(3306)	120.64	6	638	8N3102 165-4262	2P8889	2W1709
Piston: Dual AL-FIN with Heat Plug, Round Combustion Chamber 85mm LINER: Induction Hardened Piston Pin: 7N9805 Retainer: 1S9543 ring: 5S6670 / 2W6134			Liner O-	Length 130.00 Comp. Height 73.95 Pin Dia. 43.16 Length 94.98	Fitting Dia. 134.34 Length 255.06 Flange Dia. 142.98 F/Dep. 10.31 F 1.02	1st 3.175K 2nd 3.175K Oil 3.175
3306 425 CID ~ 7.0L (3304) CID ~ 10.5L(3306)	120.64	6	638	8N3182 8N3180 224-3369	2P8889	9S3068
Piston: Dual AL-FIN(8N3182), Single AL-FIN(8N3180), Round Combustion Chamber 85mm LINER: Induction Hardened Piston Pin: 7N9804 Retainer: 9H4015 ring: 5S6670 / 2W6134			Liner O-	Length 115.16 Comp. Height 73.99 Pin Dia. 38.11 Length 94.70	Fitting Dia. 134.34 Length 255.06 Flange Dia. 142.98 F/Dep. 10.31 F 1.02	1st 3.175 2nd 2.380 Oil 5.556
3406 893 CID ~ 14.6L (3406) CID ~ 18.0L(3408) 27.0 (3412)	137.16	6	1099 1649 CID ~	9Y4004	2W6000	1W8922
Piston: AL-FIN, Round Combustion Chamber 94mm LINER: Induction Hardened Piston Pin: 8N1608 Retainer: 7E5665				Length 137.16 Comp. Height 88.32 Pin Dia. 51.46 Length 111.25	Fitting Dia. 153.75 Length 274.34 Flange Dia. 165.25 F/Dep. 8.90 F 1.00	1st 3.969K 2nd 3.175K Oil 3.175

Liner Kit for **CATERPILLAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3406 893 CID ~ 14.6L (3406) CID ~ 18.0L(3408) 27.0 (3412)	137.16	6	1099 1649 CID ~	9Y7212	2W6000	1W8922
Piston: AL-FIN, Round Combustion Chamber 94mm LINER: Induction Hardened Piston Pin: 8N1608 Retainer: 7E5665				Length 137.16 Comp. Height 88.32 Pin Dia. 51.46 Length 111.25	Fitting Dia. 153.75 Length 274.34 Flange Dia. 165.25 F/Dep. 8.90 F 1.00	1st 3.969K 2nd 3.175K Oil 3.175
3406C 893 CID ~ 14.6L (3406) CID ~ 18.0L(3408) 27.0 (3412)	137.16	6	1099 1649 CID ~	168-4540-00 130-0241-01		
Piston: AL-FIN, Round Combustion Chamber 94mm LINER: Induction Hardened Piston Pin: 8N1608 Retainer: 7E5665				Length 127.18 Comp. Height 87.98 Pin Dia. 54.96 Length 112.33	Fitting Dia. Length Flange Dia. F/Dep. F	1st 3.75K 2nd 3.0K Oil 3.0
3512 3516 (Cast Iron)	170.0	6		282-0644		
Cast Iron Piston: LINER:				Length Comp. Height Pin Dia. Length	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd Oil

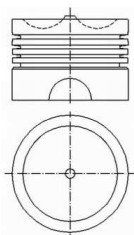
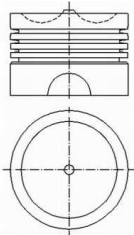
Liner Kit for **CUMMINS** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BT	102.0	4		S6050	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
4BT	102.0	4		S6153	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 60.8mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
4BT	102.0	4		S8465	6736-29-2110	
Piston : Double Al-fin.Round combustion Chamber 61mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.875K Oil 4.0
4BT	102.0	4		S1888	6736-29-2110	6738-31-2030 R42815
Piston : Al-fin.Round combustion Chamber 63.8mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0

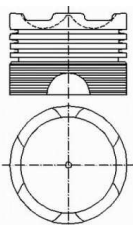
Liner Kit for **CUMMINS** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6BT	102.0	6	KMKT3907163 3802160	3907163	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
6BT	102.0	6	KMKT3907156 3802100	3907156	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 63mm. Liner : Fully-Finished & Phosphated.				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 235.2 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 133.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0

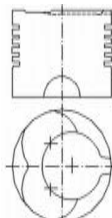
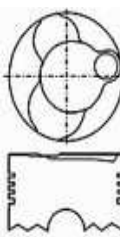
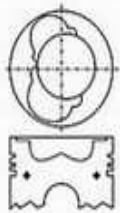
Liner Kit for **CUMMINS** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
6CT	114.0	6	KMKT3923163	3923163	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 63mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
NH220-C1	130.18	6	KODKT1601	6620-31-2110	6610-21-2213	6620-31- 6620-31-2020 R18320
Piston : Double Al-fin, Round Combustion Chamber 99mm Liner : AB1 Nitrided & Phosphated. 				Length 158.5 Comp. Height 101.5 Pin Dia. 50.8 Length 110.0	Fitting Dia. 146.0 Length 303.5 Flange Dia. 156.0 F/Dep. 11.0 F 2.0	1st 3.78K 2nd 3.61K 3rd 3.61K Oil 6.12
NT855	139.7	6	KMKT2154200	6711-31-2110 215420	6710-21-2210	6710-31- 6710-31-2023 R18720
Piston :Al-fin, Round Combustion Chamber 105mm Liner : AB1 Nitrided & Phosphated. 				Length 152.8 Comp. Height 95.8 Pin Dia. 50.8 Length 119.0	Fitting Dia. 155.5 Length 288.0 Flange Dia. 167.0 F/Dep. 9.0 F 2.0	1st 3.595k 2nd 2.878K 3rd 2.878K Oil 4.75

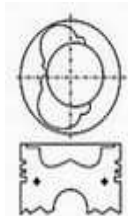
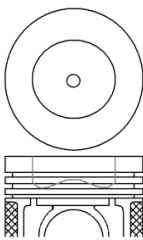
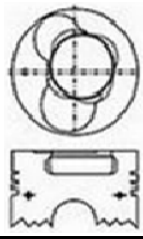
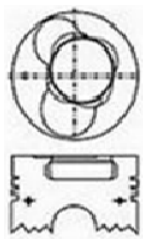
Liner Kit for **CUMMINS** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
NT855-1	139.7	6	KMKT3048808	3048808 6711-31-2110		6710-21-2210		6710-31- 6710-31-2023 R18720	
Piston : Top & 2nd Ring Grooves Al-fin,Round Combustion Chamber 97mm Liner : AB1 Nitrided & Phosphated. 				Length	159.8	Fitting Dia.	155.5	1st	3.595k
				Comp. Height	102.4	Length	288.0	2nd	2.878K
				Pin Dia.	50.8	Flange Dia.	167.0	3rd	2.878K
				Length	119.0	F/Dep.	9.0	Oil	4.75
						F	2.0		

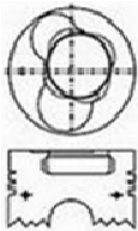
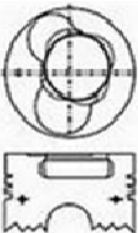
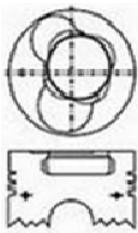
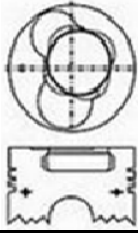
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
DM100 ©Truck KM300 KM320 KM330 KM340 KM350 KM410 KM450 KM320D ©Bus RM100 BM320 Tractor HM300 HM3014313cc	90.0	6	04013-1020	13216-1120 13216-1120A 3352-1961-00		11467-1401 11467-1440 2352-1695-01		13011-1350 13011-1350A R15700	
Piston : Tin Plated. Liner :Fully-Finished.				Length 104.0 Comp. Height 53.8 -4.0 Pin Dia. 29.0 Length 77.0		Fitting Dia. 104.5 Length 199.0 Flange Dia. 110.0 F/Dep. 9.0 F 1.0		1st 2.5 2nd 2.5 Oil 2.5 1st Oil 4.0 2nd Oil 4.0	
DQ100	92.0	6	HMDKT3501	13216-1130		11467-1480			
Piston : Liner :				Length 104.0 Comp. Height 53.8 Pin Dia. 29.0 Length 77.0		Fitting Dia. 105.5 Length 199.0 Flange Dia. 111.0 F/Dia 9.0 F 1.0		1st 2.5 2nd 2.5 Oil 2.5 1st Oil 4.0 2nd Oil 4.0	
EC100 ©Truck KL300 ,Bus RL100 ,Tractor HL300 5010cc	97.0	6	04013-1032	13216-1140 13216-1140C 2380-1940-01		11467-1130 2353-8019-10 2353-8019-30		13011-1390 13011-1400	
Piston : Tin Plated. Liner :Fully-Finished.				Length 112.0 Comp. Height 58.0 -6.1 Pin Dia. 31.5 Length 81.0		Fitting Dia. 110.5 Length 206.0 Flange Dia. 117.0 F/Dia 10.0 F 1.0		1st 2.5 2nd 2.5 Oil 2.5 1st Oil 4.0 2nd Oil 4.0	
WO4CT (AL) Displacement : 4,009 c	104.0	4	HMKT111982	13211-1982 13216-1830		11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)		13011-2270 13011-2270A 13011-2270C 13011-2550 R15815	
Piston:ALFIN.Round Combustion Chamber 57mm Liner:O/D is graded as W,X,Y,Z Phosphated				Length 108.7 Comp. Height 62.7 -19.4 Pin Dia. 37.0 Length 85.0		Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8		1st 2.806K 2nd 2.5 Oil 5.0	

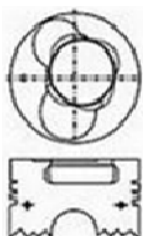
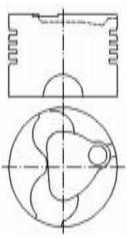
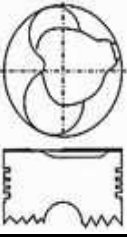
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
WO4CT (AL) Displacement : 4,009 c	104.0	4	HMKT162210	13216-2210 13211-2270 13216-2450	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-2270 13011-2270A 13011-2270C 13011-2550 R15815
Piston:ALFIN &Oil Gallery.Round Combustion Chamber 52mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 108.7 Comp. Height 62.7 -19.4 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 Oil 4.0
WO4CT (AL) Displacement : 4,009 c	104.0	4		13216-0010	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-2270 13011-2270A 13011-2270C 13011-2550 R15815
Piston:ALFIN &Oil Gallery.MOS2 Round Combustion Chamber 59mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 100.0 Comp. Height 60.2 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
WO4D (AL) ©Ranger KM.FB112 4,009 c	104.0	4	HMKT161460	13216-1460 13216-1740	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-1973 R15011
Piston:ALFIN.Round Combustion Chamber 51mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 106.2 Comp. Height 60.2 -18.4 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 5.0
WO4D (AL) ©Ranger KM.FB112 4,009 c	104.0	4		13216-2220	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-1973 R15011
Piston:ALFIN.Round Combustion Chamber 51mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 106.2 Comp. Height 60.2 -19.1 Pin Dia. 35.0 Length 85.0	B 107.0 C 201.0 D 112.0 E 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 5.0

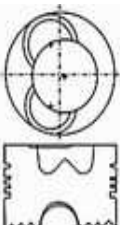
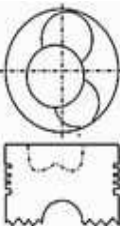
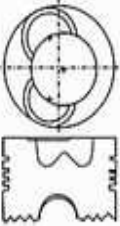
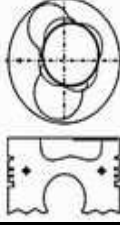
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
WO4DT (AL) Displacement : 4,009 c	104.0	4	HMKT163201	13216-3201	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-3950 13011-3950A 13011-4020 13011-4020A
Piston:ALFIN.Round Combustion Chamber 51mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 106.2 Comp. Height 60.2 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
WO4DT (AL)	104.0	4	HMKT162390	13216-2390	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	
Piston:ALFIN.Round Combustion Chamber 61mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 106.2 Comp. Height 60.2 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 Oil 5.0
WO6D (AL) ©Bus AC,FC42 5,759 c	104.0	6	HMKT161470	13216-1470 13216-1470D 13216-1470E	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-1983 13011-2420 13011-2440 R15010
Piston:ALFIN, Round Combustion Chamber 51mm Liner:O/D is graded as W,X,Y,Z Phosphated 				Length 108.7 Comp. Height 62.6 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 5.0
WO6DT (AL) Displacement : 5,759 cc	104.0	6	HMKT161900	13216-1900	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-2610A 13011-2950A 13011-2680A SJH20-055ZZ
Piston:ALFIN, Round Combustion Chamber 56mm Liner :O/D is graded as W,X,Y,Z Phosphated 				Length 108.6 Comp. Height 62.6 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 Oil 5.0

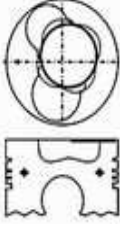
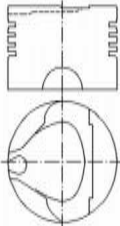
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
WO6E (AL) Displacement : 6,014 cc	104.0	6	04013-1197	13211-1740 13216-2220	11467-1761(W) 11467-1771(X) 11467-1781(Y) 11467-1791(Z)	13011-1983 13011-2420 13011-2440 R15010
Piston:ALFIN, Round Combustion Chamber 51mm Liner :O/D is graded as W,X,Y,Z Phosphated 				Length 106.2 Comp. Height 60.2 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 5.0
NO4CT (AL)	104.0	6	HMKT160010	13216-E0010		
Piston:ALFIN, MOS2 Round Combustion Chamber 59mm Liner :				Length 100.0 Comp. Height 62.0 Pin Dia. 37.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
DS70 ©Truck TE61,TE11,KL320,TE100,KL300 ©Tractor TE100D,TE100,120 ©Bus RD100,120,BK11,BT10,BT30,BT31 7014cc	105.0	6	04013-1025	13216-1040	11467-1280 2.303.1905.01	13011-1550A 13011-1210 R15710
Piston : Liner : 				Length 140.0 Comp. Height 78.6 Pin Dia. 40.0 Length 82.0	Fitting Dia. 122.0 Length 261.0 Flange Dia. 130.0 F/Dia 10.0 F 1.0	1st 3.0 2nd 3.0 Oil 3.0 1st Oil 4.5 2nd Oil 4.5
EH100 ©Truck KL500,540,560,580,520,KR320,WB311,321 ©Tractor KJ500,KU500,KR300,350,KU580,590 ©Bus BX320,AM101 5871cc	105.0	6	04013-1021	13216-1010 2382-1961-00	11467-1030 11467-1040	13011-1150 13011-1410 R15690
Piston :Tin Plated. Liner:Fully-Finished. 				Length 112.0 Comp. Height 59.2 Pin Dia. 34.0 Length 89.5	Fitting Dia. 110.0 Length 206.0 Flange Dia. 115.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.5 Oil 2.5 1st Oil 4.0 2nd Oil 4.0

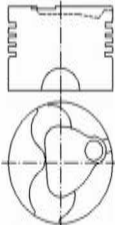
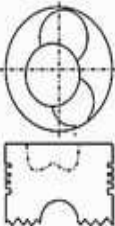
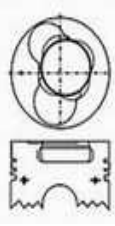
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
HO6BT	105.8	6	HMKT163150	13216-3150	11467-1921(W) 11467-1931(X) 11467-1941(Y) 11467-1951(Z)	13011-2880A
Piston : Round Combustion Chamber 65mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated . 				Length 121.4 Comp. Height 69.4 Pin Dia. 39.0 Length 87.5	Fitting Dia. 110.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0
HO6CT (AL) ©Ranger F,D	108.0	6	04013-1240	13216-1540 13216-1540B	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston : Alfin & Tin Plated.Round Combustion Chamber 54mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated . 				Length 121.5 Comp. Height 69.5 Height -25.5 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0
HO6CT (AL) ©Ranger 4.25ton FD	108.0	6	HMKT161810	13216-1810 13216-1810A	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston:Alfin & Tin Plated.Round Combustion Chamber 57mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated. 				Length 121.5 Comp. Height 69.5 Height -25.5 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0
HO6CT (AL) ©Ranger 4.25ton FD	108.0	6	04013-1142	13216-1750	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston : Alfin & Tin Plated.Round Combustion Chamber 59mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated. 				Length 121.5 Comp. Height 69.5 Height -21.1 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0

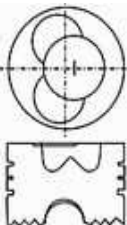
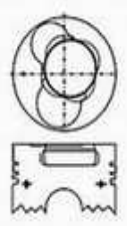
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
HO6CT (AL) Ranger 4.25ton FD 6485cc	108.0	6		13216-2610	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston : Alfin & Tin Plated. Oil Gallery Round Combustion Chamber 55mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated. Pin: 13272-1270				Length 121.4 Comp. Height -25.1 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 4.0
HO6CT Ranger 4.25ton FD 6485cc	108.0	6		13216-2240	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston : Alfin & Tin Plated. Oil Gallery Round Combustion Chamber 55mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated.				Length 121.4 Comp. Height -25.1 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0
HO6CT (AL) Ranger 4.25ton FD 6485cc	108.0	6	HMKT162750	13216-2750	11467-1591(W) 11467-1601(X) 11467-1611(Y) 11467-1621(Z)	13011-1961 R15360
Piston : Alfin & Tin Plated. Round Combustion Chamber 57mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated. 				Length 121.5 Comp. Height -25.1 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 2.5 Oil 5.0
DS50 ©Truck ZC34D,44D ©Bus BT100H 7982cc	110.0	6	HMKT161050	13216-1050	11467-1550	13011-1230 13011-1261 13011-1830 13011-1680 R15730
Piston : Liner : 				Length 145.3 Comp. Height 78.6 Pin Dia. 40.0 Length 92.0	Fitting Dia. 124.5 Length 266.0 Flange Dia. 131.0 F/Dia 10.0 F 1.0	1st 3.0 2nd 3.0 Oil 3.0 1st Oil 4.5 2nd Oil 4.5

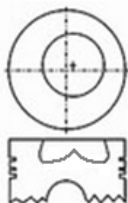
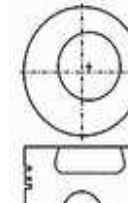
Liner Kit for **HINO** engines

ENGINE	Bore Size (mm)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
EH300 ©Truck KR301,321,361 KL501,KJ501,KU580 ©Bus RL300,320 RD300 6211cc	108.0	6		13216-1160	11467-1010 11467-1020	13011-1032 13011-1032A 13011-1062 R15160
Piston : Tin Plated. Liner : O/D is graded as A,B Fully-Finished & Phosphated. 				Length 114.0 Comp. Height -6.3 Pin Dia. 35.0 Length 90.0	Fitting Dia. 112.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 1st Oil 5.0 2nd Oil 4.0
EH700 (AL) ©Truck KL545,585,KR365,KL525,KR305,LB595, KL555,KR325,KL565,FD171,172,174,175,476 ©Bus RJ170,171,172,RD300,301,RL320 6443cc	110.0	6	04013-1390-X 04013-1391-Y	13211-1180 13216-1181	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-1610 13011-1620 R15170
Piston : Alfin & Tin Plated. Round Combustion Chamber 54mm Liner:O/D is graded as W,X,Y,Z Fully-Finished & Phosphated. 				Length 121.3 Comp. Height -24.3 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
EH700 New ©Truck KL545,585,KR365,KL525,KR305,LB595, KL555,KR325,KL565,FD171,172,174,175,476 ©Bus RJ170,171,172,RD300,301,RL320 6443cc	110.0	6		13216-1890	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-1610 13011-1620 R15170
Piston : Alfin & Tin Plated.Round Combustion Chamber 54mm Liner O/D is graded as W,X,Y,Z Fully-Finished & Phosphated. 				Length 121.5 Comp. Height -20.4 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
EH700T ©Truck KL545,585,KR365,KL525,KR305,LB595, KL555,KR325,KL565,FD171,172,174,175,476 ©Bus RJ170,171,172,RD300,301,RL320, 6443cc	110.0	6	HMKT161390	13216-1390	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-1610 13011-1620 R15170
Piston : Alfin & Tin Plated.Round Combustion Chamber 57mm Liner O/D is graded as W,X,Y,Z Fully-Finished & Phosphated. 				Length 121.3 Comp. Height -23.9 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0

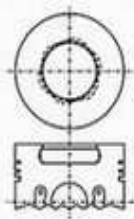
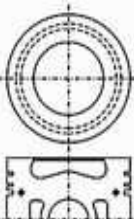
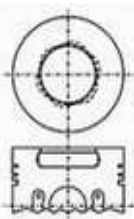
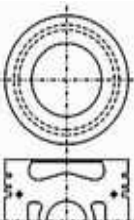
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
HO7C (AL) Ranger 4D,Ranger 5,Ranger 7D,Truck KLSD,KP6D 6443cc	110.0	6	HMKT161500	13216-1500 13216-1851 13216-2290	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-1610 13011-1620 13011-2070A 13011-2090 R15135
Piston:Alfin & Tin Plated. Round Combustion Chamber 51mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated. 				Length 121.6 Comp. Height -27.6 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
HO7C (AL) ©Ranger 4D,Ranger 5,Ranger 7D,Truck KLSD,KP6D 6443cc	110.0	6	HMKT162300	13216-1711 13216-2300 13211-2161	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-1610 13011-1620 13011-2070A 13011-2090 R15135
Piston:Alfin & Tin Plated. Round Combustion Chamber 53mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated . 				Length 121.6 Comp. Height -19.8 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
HO7CT Ranger SD 6728cc	110.0	6	HMKT162431	13216-2431	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-2672 13011-2672A R15167
Piston : Alfin,Oil Gallery & Tin Plated.Round Combustion Chamber 58mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated.				Length 121.5 Comp. Height -19.5 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.0 3rd 2.5 Oil 4.0
HO7CT Ranger SD 6728cc	110.0	6	04013-1186	13211-3090 13216-2062 13216-2830	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-2672 13011-2672A R15167
Piston : Alfin,Oil Gallery & Tin Plated.Round Combustion Chamber 58mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated.				Length 121.5 Comp. Height -19.5 Pin Dia. 39.0 Length 90.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.0 3rd 2.5 Oil 4.0

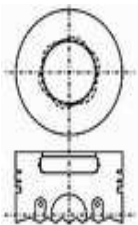
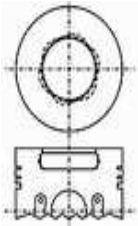
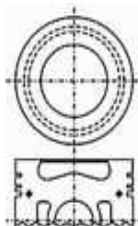
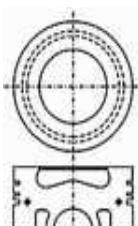
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
HO7D (AL) ©FD,FC,GD,FF,FT,RI	110.0	6	HMKT161980	13216-1980	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-2650 13011-2651 13011-2660 R15920
Piston : Alfin, & Tin Plated.Round Combustion Chamber 57mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated . 				Length 100.0 Comp. Height 57.1 -20.4 Pin Dia. 37.0 Length 84.5	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
HO7D ©FD,FC,GD,FF,FT,RI	110.0	6	HMKT162260	13216-2260	11467-1200(W) 11467-1210(X) 11467-1220(Y) 11467-1230(Z)	13011-2650 13011-2651 13011-2660 R15920
Piston : Alfin, & Tin Plated.Round Combustion Chamber 58mm Liner O/D is graded as W,X,Y,Z , Fully-Finished & Phosphated . 				Length 100.0 Comp. Height 57.1 -20.5 Pin Dia. 37.0 Length 86.0	Fitting Dia. 113.0 Length 204.0 Flange Dia. 118.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
JO5E	112.0	4	04013-0268-A 04013-0269-B	S130B-E0390 S130A-E0100		
PISTON:Alfin. Round Combustion Chamber 63mm LINER:				Length 99.9 Comp. Height 57.0 Pin Dia. 37 Length 84	Fitting Dia. 117.0 Length 203.0 Flange Dia. 122.0 F/Dia 8.0 F	1st 2.5 2nd 2.0 Oil 4.0
JO8E	112.0	6	HMKT0B0390 HMKT0A0100	S130B-E0390 S130A-E0100		
PISTON:Alfin Oil Gallery& Tin Plated.Pin Bushing inserted.Round Combustion Chamber 63mm LINER:				Length 99.9 Comp. Height 57.0 Pin Dia. 37 Length 84	Fitting Dia. 117.0 Length 203.0 Flange Dia. 122.0 F/Dia 8.0 F	1st 2.5 2nd 2.0 Oil 4.0

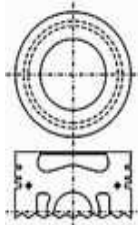
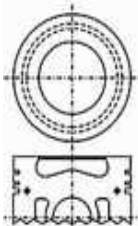
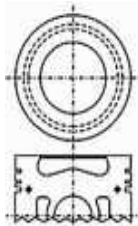
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
JO5C	114.0	4	04013-1378 04013-1379	13216-2631	11467-2601 11467-2611 11467-2621 11461- 78060/70/80	13011-3391B
Displacement : 5,307 cc						
Piston:ALFIN,Round Combustion Chamber 56mm Liner:O/D is graded as A,B,C Phosphated.				Length 100.0 Comp. Height 57.1 -19.6 Pin Dia. 37.0 Length 84.5	B 117.0 C 204.0 D 122.0 E 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
						
JO5CT	114.0	4		13306-1080	11467-2601 11467-2611 11467-2621 11461- 78060/70/80	13011-3880A 13011-3940A
Displacement : 5,307 cc						
Piston:ALFIN ,Oil Gallery,Pin Bushing inserted.Round Combustion Chamber 56mm Liner:O/D is graded as A,B,C Phosphated.				Length 100.0 Comp. Height 57.1 -18.4 Pin Dia. 37.0 Length 85.0	B 117.0 C 204.0 D 122.0 E 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
						
JO7C	114.0	5		13216-2631	11467-2601 11467-2611 11467-2621 11461- 78060/70/80	13011-3371B 13011-3771A
Displacement : 6,634 cc						
Piston:ALFIN,Round Combustion Chamber 56mm Liner :O/D is graded as A,B,C Phosphated				Length 100.0 Comp. Height 57.1 -19.6 Pin Dia. 37.0 Length 84.5	B 117.0 C 204.0 D 122.0 E 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
						
JO7CT	114.0	5		13306-1080	11467-2601 11467-2611 11467-2621 11461- 78060/70/80	13011-3660A 13011-3900A
Displacement : 6,634 cc						
Piston:ALFIN,Oil Gallery,Pin Bushing inserted.Round Combustion Chamber 56mm Liner :O/D is graded as A,B,C Phosphated				Length 100.0 Comp. Height 57.1 -18.4 Pin Dia. 37.0 Length 84.5	B 117.0 C 204.0 D 122.0 E 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
						

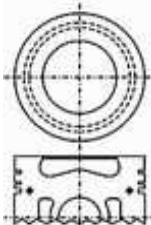
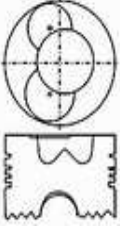
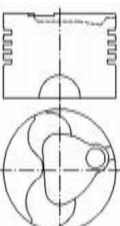
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
JO8C (AL) ©FD 7,961 cc	114.0	6	04013-1378-A 04013-1379-B	13216-2631	11467-2601(A) 11467-2611(B) 11467-2621(C)	13011-2962 R15965
Piston:ALFIN, Round Combustion Chamber 56mm Liner :O/D is graded as A,B,C Phosphated 				Length 100.0 Comp. Height 57.1 -19.6 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
JO8C (AL) ©FD 7,961 cc	114.0	6	HMKT163211	13216-3211	11467-2601(A) 11467-2611(B) 11467-2621(C)	13011-3820 13011-3570 13011-3870 R15284
Piston:ALFIN, Round Combustion Chamber 55.8mm Liner :O/D is graded as A,B,C Phosphated 				Length 100.0 Comp. Height 57.1 -19.6 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
JO8CT Displacement : 7,961 cc	114.0	6	HMKT061200	13306-1200 13306-1060	11467-2601(A) 11467-2611(B) 11467-2621(C) 11461-78060/70/80	13011-3570A 13011-3820A 13011-3870A
Piston:ALFIN & Oil Gallery, Round Combustion Chamber 65mm Liner: O/D is graded as A,B,C ,Phosphated 				Length 100.0 Comp. Height 57.1 -18.4 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
JO8CT Displacement : 7,961 cc	114.0	6	HMKT061080	13306-1080 S130A-E1080	11467-2601(A) 11467-2611(B) 11467-2621(C) 11461-78060/70/80	13011-3570A 13011-3820A 13011-3870A
Piston:ALFIN & Oil Gallery, Short Pin Bushing inserted.Round Combustion Chamber 65mm Liner: O/D is graded as A,B,C ,Phosphated 				Length 100.0 Comp. Height 57.1 -18.4 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0

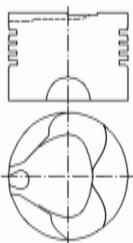
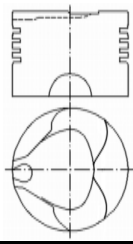
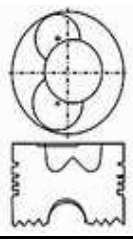
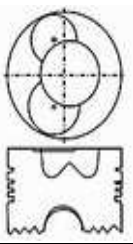
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
JO8CT Displacement : 7,961 cc	114.0	6	HMKT061200	13306-1200 13306-1060	11467-2601(A) 11467-2611(B) 11467-2621(C) 11461- 78060/70/80	13011-3570A 13011-3820A 13011-3870A
Piston:ALFIN & Oil Gallery, Long Pin Bushing inserted.Round Combustion Chamber 65mm Liner: O/D is graded as A,B,C ,Phosphated 				Length 100.0 Comp. Height 57.1 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
JO8CT Displacement : 7,961 cc	114.0	6	HMKT061070	13306-1070	11467-2601(A) 11467-2611(B) 11467-2621(C) 11461- 78060/70/80	13011-3570A 13011-3820A 13011-3870A
Piston:ALFIN & Oil Gallery, Round Combustion Chamber 63mm Liner: O/D is graded as A,B,C ,Phosphated 				Length 100.0 Comp. Height 57.0 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
JO8CT (AL) Displacement : 7,961 cc	114.0	6	HMKT061012	13306-1012 13306-1013 S130A-E0030	11467-2601(A) 11467-2611(B) 11467-2621(C) 11461- 78060/70/80	13011-2962 R15965
Piston:ALFIN & Oil Gallery, Pin Bushing inserted.Round Combustion Chamber 61mm Liner: O/D is graded as A,B,C ,Phosphated 				Length 100.0 Comp. Height 57.0 Pin Dia. 37.0 Length 84.5	Fitting Dia. 117.0 Length 204.0 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 3.0 2nd 2.0 Oil 4.0
SO5C (AL)	114	4	HMKT162983	13216-2983		
Piston :ALFIN, Oil Gallery Round Combustion Chamber 53mm Liner :				Length 103.4 Comp. Height 60.5 Pin Dia. 37.0 Length 85.0	Fitting Dia. 117.0 Length 186.5 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0

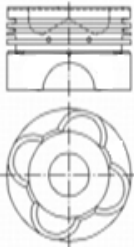
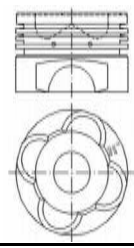
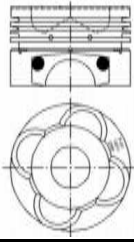
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
SO5C (AL)	114	4	HMKT162973	13216-2973		
Piston :ALFIN,Oil Gallery Round Combustion Chamber 54.5mm Liner : 				Length 103.4 Comp. Height 60.5 Pin Dia. 37.0 Length 85.0	Fitting Dia. 117.0 Length 186.5 Flange Dia. 122.0 F/Dia 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 4.0
EB100 EB200	115.0	6	04013-1016	13216-1090	11467-1390	
Piston : Liner :				Length 153.2 Comp. Height 86.7 Pin Dia. 43.0 Length 98.0	Fitting Dia. 131.5 Length 178.0 Flange Dia. 129.0 F/Dia 8.0 F 0.8	1st 3.5 2nd 3.0 Oil 3.0 1st Oil 5.0 2nd Oil 5.0
EL100 (AL)	116.0	6	04013-1071	13216-1272	11467-1640	13011-1700 R15190
©Truck Rnager 7E FG185 LB760 7,862 cc						
Piston : Alfin & Tin Plated.Round Combustion Chamber 57mm Liner : Fully-Finished. 				Length 130.4 Comp. Height 78.2 -27.4 Pin Dia. 40.0 Length 93.0	Fitting Dia. 129.0 Length 222.8 Flange Dia. 138.0 F/Dia 9.0 F 0.8	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
DK10	120.0	6	04013-1014	13216-1080	11467-1380	13011-1290 R15150
©Truck TC301,311,121,BG100 ©Bus RC300,320,300P,320P,RC320PT ©Tructor HE100,HF300,HF301,HH700,HH720 10170cc						
Piston : Alfin & Tin Plated Liner : 				Length 164.4 Comp. Height 95.4 Pin Dia. 48.0 Length 100.0	Fitting Dia. 138.0 Length 292.0 Flange Dia. 145.0 F/Dia 11.0 F 1.5	1st 3.5 2nd 3.5 Oil 3.5 1st Oil 5.0 2nd Oil 5.0

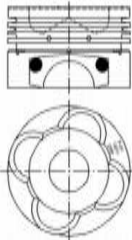
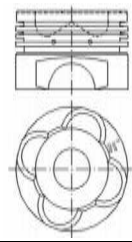
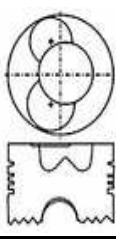
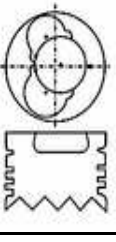
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
EB300 ©Truck KB113D,122,303D,313,314,322,342,362,720,383,392,E320,ZH10 0D,KB304D,KH120,BG100,KB394,721,ZT300,320 ©BUS RF400 9838cc PISTON: Alfin & Tin Plated LINER:Fully-Finished	120.0	6	04013-1045	13216-1100 13216-1100A 2334-1961-00	11467-1180 11467-1520 2334-1963-00	13011-1330 13011-1720 13011-1730 13011-1740 R15200
				Length 155.4 Comp. Height 86.4 Pin Dia. 45.0 Length 100.0	Fitting Dia. 136.0 Length 288.0 Flange Dia. 143.0 F/Dia 11.0 F 1.0	1st 3.5 2nd 3.5 3rd 3.5 Oil 6.0
EB400 ©BUS RF400RE101,RE161,RE121,RE141 9838cc	120.0	6	04013-1058	13216-1230 2334-1691-00	11467-1180 11467-1520 2334-1963-00	13011-1640A 13011-1630 R15290
				Length 155.4 Comp. Height 85.9 Pin Dia. 45.0 Length 100.0	Fitting Dia. 136.0 Length 288.0 Flange Dia. 143.0 F/Dia 11.0 F 1.0	1st 3.306K 2nd 3.0 3rd 3.0 Oil 6.0
EP100 (AL) Super Dolphin FN288 11.5ton 8821cc	120.0	6	04013-1130	13216-1420	11467-1730-A 11467-1740-B 11467-1750-C	
				Length 144.6 Comp. Height 85.6 Pin Dia. 47.0 Length 99.0	Fitting Dia. 125.0 Length 236.0 Flange Dia. 132.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.0 3rd 2.5 Oil 5.0
EP100T (AL) ©Super Dolphin FN288 11.5ton 8821cc	120.0	6	HMKT161450	13216-1450	11467-1730-A 11467-1740-B 11467-1750-C	13011-1952 R15245
				Length 144.6 Comp. Height 85.6 Pin Dia. 47.0 Length 99.0	Fitting Dia. 125.0 Length 236.0 Flange Dia. 132.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 2.806K 3rd 2.5 Oil 5.0

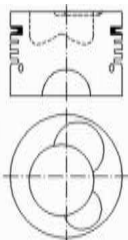
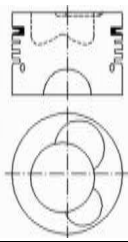
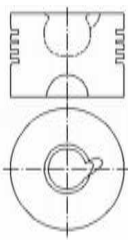
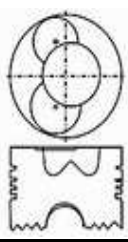
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
PO9C	120	6		13216-2080	11467-1730-A 11467-1740-B 11467-1750-C	
Piston:ALFIN, Oil Gallery & Tin Plated. Liner: 				Length 144.6 Comp. Height 85.6 Pin Dia. 47.0 Length 99.0	Fitting Dia. 125.0 Length 236.0 Flange Dia. 132.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 2.806K 3rd 2.5 Oil 5.0
PO9CT	120	6	HMKT162460	13216-2460	11467-1730-A 11467-1740-B 11467-1750-C	
Piston:ALFIN, Oil Gallery & Tin Plated.Round Combustion Chamber 69mm Liner: 				Length 144.6 Comp. Height 85.6 Pin Dia. 47.0 Length 99.0	Fitting Dia. 125.0 Length 236.0 Flange Dia. 132.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 2.806K 3rd 2.5 Oil 5.0
P11C	122.0	6	HMKT112723 04013-1375	13211-2723	11467-2710-A 11467-2720-B 11467-2730-C	
Cast Iron Piston: Oil Gallery & Nitriding.Round Combustion Chamber 75mm Liner: 				Length 96.1 Comp. Height 63.6 Pin Dia. 47.0 Length 89.0	Fitting Dia. 127.0 Length 229.0 Flange Dia. 134.0 F/Dia 8.0 F 1.0	1st 3.306K 2nd 2.306K 3rd 2.0 Oil 4.0
P11C 開窗	122.0	6	HMKT112700	13211-2700	11467-2710-A 11467-2720-B 11467-2730-C	
Cast Iron Piston: Oil Gallery & Nitriding.Round Combustion Chamber 75mm Liner: 				Length 96.1 Comp. Height 63.6 Pin Dia. 47.0 Length 89.0	Fitting Dia. 127.0 Length 229.0 Flange Dia. 134.0 F/Dia 8.0 F 1.0	1st 3.306K 2nd 2.306K 3rd 2.0 Oil 4.0

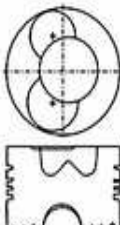
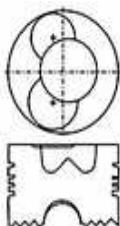
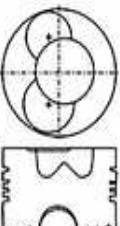
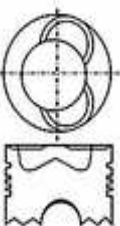
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
P11C 開窗	122.0	6	HMKT112707	13211-2707	11467-2710-A 11467-2720-B 11467-2730-C	
Cast Iron Piston: Oil Gallery & Nitriding.Round Combustion Chamber 65mm Liner: 				Length 96.6 Comp. Height 63.6 Pin Dia. 47.0 Length 89.0	Fitting Dia. 127.0 Length 229.0 Flange Dia. 134.0 F/Dia 8.0 F 1.0	1st 3.306K 2nd 2.306K 3rd 2.0 Oil 4.0
P11C	122.0	6	HMKT110230	13211-0230	11467-2710-A 11467-2720-B 11467-2730-C	
Cast Iron Piston: Oil Gallery & Nitriding.Round Combustion Chamber 75mm Liner: 				Length 96.6 Comp. Height 63.6 Pin Dia. 47.0 Length 89.0	Fitting Dia. 127.0 Length 229.0 Flange Dia. 134.0 F/Dia 8.0 F 1.0	1st 3.306K 2nd 2.306K 3rd 2.0 Oil 4.0
EM100	124.0	6	04013-1091	13216-1370	11467-1661 11467-1671	13011-1921 13011-1931 13011-3530
Super Dolphin FH288 8ton 9419cc Piston : Alfin & Tin Plated.Round Combustion Chamber 63mm Liner O/D is graded as A & B , Fully-Finished & Phosphated. 				Length 139.4 Comp. Height 80.4 -28.1 Pin Dia. 42.0 Length 98.0	Fitting Dia. 129.1 Length 236.0 Flange Dia. 134.0 F/Dia 8.0 F 0.8	1st 2.806K 2nd 2.5 3rd 3.0 Oil 5.0
M10C	127.0	6	04013-1177	13216-2411 13216-2010	11467-2000 11467-2010 11467-2020 11467-2030	13011-2250 13011-2870 R15033
©Bus HT,HU 9880cc Piston:ALFIN,Round Combustion Chamber 65mm Liner :O/D is graded as W,X,Y,Z 				Length 144.5 Comp. Height 85.5 -23.9 Pin Dia. 47.0 Length 99.0	Fitting Dia. 130.3 Length 236.0 Flange Dia. 135.2 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.0 3rd 3.0 Oil 5.0

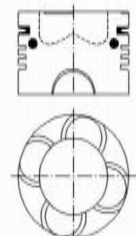
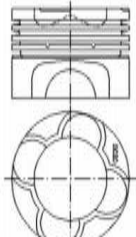
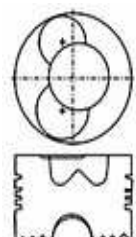
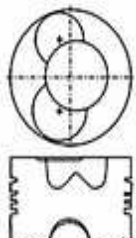
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
M10CT Displacement : 9880cc	127.0	6	HMKT162070	13216-2070	11467-2000 11467-2010 11467-2020 11467-2030	13011-2250 13011-2870 R15033
Piston:ALFIN, Round Combustion Chamber 69mm Liner: O/D is graded as W,X,Y,Z, Phosphated 				Length 144.4 Comp. Height 85.4 Pin Dia. 47.0 Length 99.0	Fitting Dia. 130.3 Length 236.0 Flange Dia. 135.2 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.0 3rd 3.0 Oil 5.0
M10U Displacement : 9880cc	127.0	6	HMKT161700	13216-1700	11467-2000 11467-2010 11467-2020 11467-2030	13011-2250 13011-2870 R15033
Piston:ALFIN, Round Combustion Chamber 65mm Liner: O/D is graded as W,X,Y,Z, Phosphated 				Length 144.5 Comp. Height 85.4 Pin Dia. 47.0 Length 99.0	Fitting Dia. 130.3 Length 236.0 Flange Dia. 135.2 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.0 3rd 3.0 Oil 5.0
ED100 ©Truck KB500, TC302, 322, 342, 362, 382, 921, KF300D, 320, 340, 360, 380, 390, 355, 365, 385, HH130, ZH102, 8G150D, HE335, ZH110D, ZC120, ZG150D, ZR300, ZC150 11581cc Piston : Round Combustion Chamber 48mm Liner :	128.0	6	04013-1019	13216-1170	11467-1020	13011-1470 13011-1670 13011-1660 13011-2240 R15210
				Length 160.0 Comp. Height 99.2 Pin Dia. 48.0 Length 107.0	Fitting Dia. 144.0 Length 291.0 Flange Dia. 151.0 F/Dia 12.1 F 0.8	1st 3.5 2nd 3.5 3rd 3.5 Oil 6.0
ER200 ©Bus RC300, 301, 302, RC321, 381 11581cc	128.0	6	04013-1098	13216-1281	11467-1020	13011-1770 R15180
Piston : ALFIN, Round Combustion Chamber 69mm Liner : 				Length 160.3 Comp. Height 95.3 Pin Dia. 48.0 Length 107.0	Fitting Dia. 144.0 Length 291.0 Flange Dia. 151.0 F/Dia 12.1 F 0.8	1st 3.5 2nd 3.0 3rd 3.0 Oil 6.0

Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
EF100 ©Truck ZM500D,WP325,HE356,ZM560,KF585,ZM540, ZM580,TC921,TC541,561B,HE350,355,WB300,HE330 ©Bus RV541,RV561P,RS360P,RV530P,540P,550P 15459cc	130.0	8	04013-1038-LH 04013-1037-RH	13216-1290-LH 13216-1040-RH	11467-1101	13011-1131 13011-1141 13011-1460 13011-2150 R15340
Piston : Round Combustion Chamber 66mm Liner : 				Length 145.0 Comp. Height 90.0 Pin Dia. 50.0 Length 110	Fitting Dia. 146.0 Length 248.0 Flange Dia. 157.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
EF500 ©Truck ZM500D,WP325,HE356,ZM560,KF585,ZM540, ZM580,TC921,TC541,561B,HE350,355,WB300,HE330 ©Bus RV541,RV561P,RS360P,RV530P,540P,550P 15459cc	135.0	8	04013-1054-LH 04013-1053-RH	13216-1252-LH 13216-1022-RH	11467-1101	13011-1131 13011-1141 13011-1460 13011-2150 R15340
Piston : Round Combustion Chamber 69mm Liner : 				Length 145.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 13.6 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
EF550 ©Truck FS,FR,FN,SH,RU 16260cc	135.0	8	04013-1096-LH 04013-1095-RH	13216-1560-LH 13216-1140-RH	11467-1690	13011-2700 R15241
Piston : Round Combustion Chamber 71mm Liner : 				Length 145.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
K13C - 12V ©Truck FS,FR,FN 12882 cc	135.0	6	04013-1137	13216-2140	11467-2090 11467-2380	13011-3090 R15465
Piston with ALFIN & Oil Gallery, Round Combustion Chamber 80mm Liner :Water Jacket Chromed 				Length 145.4 Comp. Height 90.3 -27.3 -2.2 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0

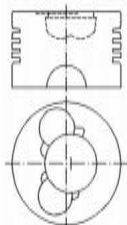
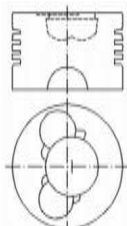
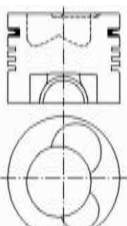
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
K13C - 24V ©Truck FS,FR,FN 12882 cc	135.0	6	04013-1201	13216-2330	11467-2090 11467-2380	13011-3090 R15465
Piston with ALFIN & Oil Gallery, Round Combustion Chamber 82mm Liner : Water Jacket Chromed 				Length 145.4 Comp. Height 90.3 -27.3 -2.2 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
E13C (Cast Iron)	137.0	6	04013-0145	13211-0200	11467-3230	13019-1051
Cast Iron Piston : Oil Gallery, Phosphated. Round Combustion Chamber 89mm Liner : 				Length 110.0 Comp. Height 72.0 Pin Dia. 55.0 Length 100.0	Fitting Dia. 142.0 Length 251.0 Flange Dia. 149.5 F/Dia 5.0 F 1.0	1st 3.306K 2nd 2.806K 3rd 2.5 Oil 4.0
EF750 ©Tractor HE366, HH341, TC562,ZM500,ZM940 15920 cc	137.0	8	04013-1112-LH 04013-1111-RH	13216-1860-LH 13226-1170-RH	11467-1091 11467-1900	13011-1111 13011-1112 13011-1121 13011-1122 R15230
Piston: ALFIN & Tin Plated. Round Combustion Chamber 73mm Liner: Water Jacket Chromed, Fully-Finished. 				Length 145.0 Comp. Height 90.3 -30.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306 K 2nd 3.5 Oil 3.5 Oil 6.0
EF750T ©Tractor HE366, HH341, TC562,ZM500,ZM940 15920 cc	137.0	8	HMKT161742-LH HMKT261152-RH	13216-1742-LH 13226-1152-RH	11467-1091 11467-1900	13011-1111 13011-1112 13011-1121 13011-1122 R15230
Piston: ALFIN & Tin Plated. Round Combustion Chamber 73mm Liner: Water Jacket Chromed, Fully-Finished. 				Length 144.3 Comp. Height 90.3 -30.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306 K 2nd 3.5 Oil 3.5 Oil 6.0

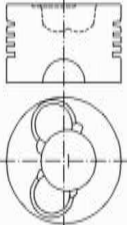
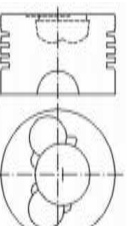
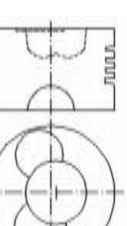
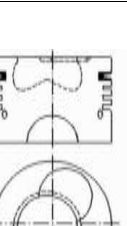
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
EK100 ©Truck TC363D,KF392,KS391,KS341,KB501D,KF301,KF391, ZM303,TC922,ZR255,TC343,362,WD300,TC383, ZC101,121 ©Bus RC721P 13267cc Piston : Alfin & Tin Plated. Round Combustion Chamber 73mm Liner Water Jacket Chromed,Fully-Finished.	137.0	6	04013-1110	13216-1224	11467-1080 11467-1910 11467-1960	13011-1010 13011-1011 13011-1021 R15320
				Length 145.3 Comp. Height -31.2 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
EK100T Piston : Alfin & Tin Plated. Round Combustion Chamber 73mm Liner Water Jacket Chromed,Fully-Finished .	137.0	6	HMKT161410	13216-1410	11467-1080 11467-1910 11467-1960	13011-1010 13011-1011 13011-1021 R15320
				Length 145.3 Comp. Height -31.2 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
EK130T Piston :Round Combustion Chamber 82mm Liner Water Jacket Chromed,Fully-Finished.	137.0	6	HMKT112191	13211-2191 13216-1821	11467-1080 11467-1910 11467-1960	13011-1010 13011-1011 13011-1021 R15320
				Length 145.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
EK200 ©Truck TC363D,KF392,KS391,KS341,KB501D,KF301,391, ZM303,TC922,ZR255,TC343,362,WD300,TC383,ZC101,121 ©Bus RC721P 13267cc Piston : Alfin & Tin Plated. Round Combustion Chamber 73mm Liner Water Jacket Chromed,Fully-Finished.	137.0	6	04013-1115	13216-1530	11467-1080 11467-1910 11467-1960	13011-1010 13011-1011 13011-1021 R15320
				Length 145.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0

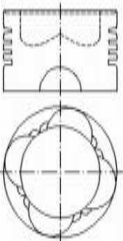
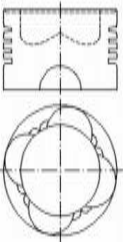
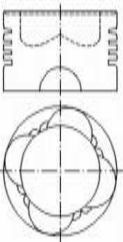
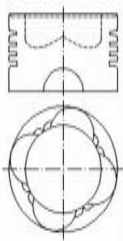
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
F17D ©Truck FS,FR,RU,FN,FW,SH	137.0	8	HMKT162050-LH HMKT261200-RH 17238cc	13216-2050-LH 13226-1200-RH	11467-1091 11467-1900	13011-2990 13011-2991 R15371
Piston : Round Combustion Chamber 73mm Liner: 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F17D	137.0	8	HMKT162050-LH	13216-2681-LH	11467-1091 11467-1900	
Piston : Round Combustion Chamber 68.5 mm Liner: 				Length 141.8 Comp. Height 86.8 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 4.0
F17DT ©Truck FS,FR,RU,FN,FW,SH	137.0	8		13216-2790 L 13226-1300 R 17238cc	11467-1091 11467-1900	13011-2990 13011-2991 R15371
Piston : Round Combustion Chamber 73mm Liner: 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 165.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
K13D ©	137.0	6	04013-1200	13216-2440	11467-1910 11467-1920	13011-2990 13011-2991 R15371
Piston with ALFIN ,Round Combustion Chamber 74mm Liner : 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 267.0 Flange Dia. 164.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0

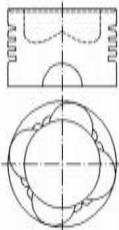
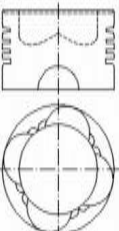
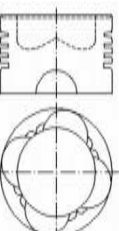
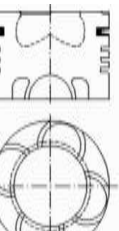
Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
F17C ©Truck FS,FR,RU,FN,FW,SH	139.0	8	04013-1135-LH 04013-1134-RH 17238cc	13216-1910-LH 13226-1180-RH	11467-1702	13011-2810 13011-2820 R15420
Piston : Round Combustion Chamber 74mm Liner: 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 166.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F17E ©Truck FS,FR,RU,FN,FW,SH	139.0	8	04013-1141-LH 04013-1140-RH 17238cc	13216-2110-LH 13226-1210-RH	11467-1702	13011-3150 13011-3160 R15381
Piston : Round Combustion Chamber 70mm Liner: 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 153.0 Length 248.0 Flange Dia. 166.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
V22C ©Truck SH,SS	139.0	10	HMKT161842-LH HMKT261162-RH 21548cc	13216-1842-LH 13226-1162-RH	11467-2130	13011-2470 13011-2471 13011-2472 R15835
Piston:ALFIN,Round Combustion Chamber 74mm Liner: 				Length 144.3 Comp. Height 90.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 156.0 Length 248.0 Flange Dia. 167.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 6.0
V22D	139	10	HMKT162560-LH HMKT261210-RH	13216-2560-LH 13226-1210-RH	11467-2130	13011-3180 13011-3080 R15391
Piston:ALFIN,Round Combustion Chamber 71mm Liner: 				Length 144.2 Comp. Height 90.5 Pin Dia. 50.0 Length 110.0	Fitting Dia. 156.0 Length 248.0 Flange Dia. 167.0 F/Dia 12.1 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0

Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
F20C ©Truck FS,FR,FO,FY,RU,FN,FW,SH	146.0	8	04013-1301-LH 04013-1298-RH 19688cc	13216-2671-LH 13226-1321-RH	11467-2280 11467-2290 11467-2300	13011-2792A R15336
Piston : Round Combustion Chamber 76mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 152.0 Length 244.3 Flange Dia. 159.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F20C ©Truck FS,FR,FO,FY,RU,FN,FW,SH	146.0	8	04013-1301-LH 04013-1298-RH 19688cc	13216-2671-LH 13226-1321-RH	11467-2280 11467-2290 11467-2300	13011-2792A R15336
Piston : Round Combustion Chamber 76mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 154.0 Length 244.3 Flange Dia. 161.0 F/Dia 8.5 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F20C ©Truck FS,FR,FO,FY,RU,FN,FW,SH	146.0	8	04013-1330-LH 04013-1328-RH 19688cc	13216-2323-LH 13226-1263-RH	11467-2280 11467-2290 11467-2300	13011-2792A R15336
Piston : Round Combustion Chamber 72mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 152.0 Length 244.3 Flange Dia. 159.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F20C ©Truck FS,FR,FO,FY,RU,FN,FW,SH	146.0	8		13216-2321-LH 13226-1221-RH	11467-2280 11467-2290 11467-2300	13011-2792A R15336
Piston : Round Combustion Chamber 70mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 154.0 Length 244.3 Flange Dia. 161.0 F/Dia 8.5 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0

Liner Kit for **HINO** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
V25C	146.0	10	04013-1301-LH 04013-1298-RH	13216-2671-LH 13226-1321-RH	11467-2290 11467-2690	13011-2792A R15336
Piston:ALFIN, Round Combustion Chamber 76mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 152.0 Length 244.3 Flange Dia. 159.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
V25C	146.0	10	04013-1330-LH 04013-1328-RH	13216-2323-LH 13226-1263-RH	11467-2290 11467-2690	13011-2792A R15336
Piston:ALFIN, Round Combustion Chamber 72mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 152.0 Length 244.3 Flange Dia. 159.0 F/Dia 8.0 F 0.8	1st 3.306K 2nd 3.5 3rd 3.5 Oil 5.0
F21C	150.0	8	04013-1365-LH 04013-1362-RH ©Truck FS,FR,FO,FY,RU,FN,FW,SH 19688cc	13216-2661-LH 13226-1311-RH	11467-3040	13011-2792A R15336
Piston : Round Combustion Chamber 72mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 154.0 Length 244.3 Flange Dia. 161.0 F/Dia 8.5 F 0.8	1st 3.306K 2nd 3.0 3rd 3.0 Oil 4.0
V26C	150.0	10	04013-1365-LH 04013-1362-RH	13216-2661-LH 13226-1311-RH	11467-3040	13011-3450A SJH20-080ZZ
Piston:ALFIN, Round Combustion Chamber 72mm Liner: 				Length 138.3 Comp. Height 84.3 Pin Dia. 50.0 Length 110.0	Fitting Dia. 154.0 Length 244.3 Flange Dia. 161.0 F/Dia 8.5 F 0.8	1st 3.306 K 2nd 3.0 3rd 3.0 Oil 4.0

Liner Kit for **HYUNDAI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
D4BB	91.1	4		23410-42701 23410-42721	23131-42001	R40525
PISTON:AL-FIN LINER:				Length 76.2 Comp. Height 46.2 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.2 Length 165.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 3.0
D4BF	91.1	4		23410-42850 23410-42860 23410-42870		R20503
PISTON: LINER:				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0
D4AE	100.0	4		23410-41410 23411-41410	21131-41300	
PISTON: LINER:				Length 110.6 Comp. Height 60.8 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 191.0 Flange Dia. F/Dep. F	1st 3.0K 2nd 2.0 Oil 4.0
D4AF	104.0	4		23410-41200 23411-41200	21131-41200	
PISTON: LINER:				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0 2nd 2.0 Oil 4.0

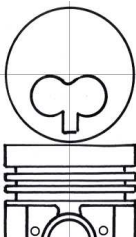
Liner Kit for **HYUNDAI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
D4CB	91.0	4		23410-4A900 23410-4A910	21131-4A000	
PISTON: LINER:				Length 83.7 Comp. Height 54.2 Pin Dia. 33.0 Length 75.0	Fitting Dia. 94.2 Length 167.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
6D22T	130.0	6		23411-83411	ME051217	
Piston :AL-FIN, Round Combusion Chamber 67mm Liner :				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F	1st 3.3K 2nd 3.0 Oil 4.0
6D22T	130.0	6		23411-83004	ME051217	
Piston :AL-FIN, Round Combusion Chamber 68.5mm Liner :				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F	1st 3.3K 2nd 3.0 Oil 4.0
6D22T	130.0	6		23411-83802	ME051217	
Piston :AL-FIN, Round Combusion Chamber 80.8mm Liner :				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F	1st 3.3K 2nd 3.0 Oil 4.0

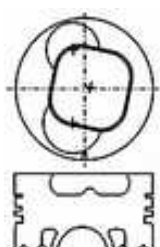
Liner Kit for **HYUNDAI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC9	135.0	8		23411-72020		
©Tractor FP215,FV215 ,16031cc						
Piston : Al-Fin,Round Combustion Chamber 75mm Liner :Water Jacket Chromed				Length Comp. Height Pin Dia. 50.0 Length 112.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd 3rd Oil
8DC11	142.2	8		23411-70000	21131-70000	
Piston : Al-Fin,Round Combustion Chamber 75.8mm Liner : Phosphated,water jacket Chromed.				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 157.7 Flange Dia. 163.0 F/Dep. 201.3 F	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0

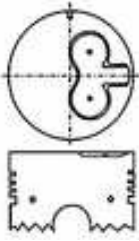
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3KA1	70.0	3		8-94411-388-1 8-97176-894-0		
Piston: Liner:				Length 70.0 Comp. Height 40.8 Pin Dia. 21.0 Length 46.0	Fitting Dia. 73.0 Length 135.0 #120	1st 2.0 2nd 1.5 Oil 3.5
3KB1	70.0	3		8-94411-388-1 8-97176-894-0		
Piston: Liner:				Length 70.0 Comp. Height 37.8 Pin Dia. 21.0 Length 58.0	Fitting Dia. 73.5 Length 135.0 #120	1st 2.0 2nd 1.5 Oil 3.5
3KC1	74.0	3		8-94411-568-2 8-97176-893-0		
Piston: Liner:				Length 70.0 Comp. Height 37.85 Pin Dia. 21.0 Length 66.5	Fitting Dia. 77.5 Length 130.0 #140	1st 2.0 2nd 1.5 Oil 3.5
3KR1	81.0	3		8-94414-745-1 8-97176-892-0		
Piston: Liner:				Length 80.0 Comp. Height 49.3 Pin Dia. 25.0 Length 64.0	Fitting Dia. 165.0 Length 84.5 #140	1st 2.0 2nd 1.75 Oil 4.0

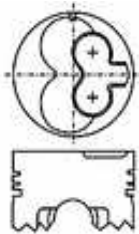
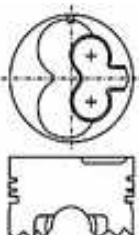
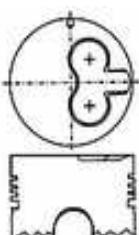
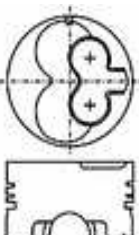
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
3KR2	81.0	3		8-97176-890-0					
				8-94415-196-1					
Piston: Liner:				Length 80.0	Fitting Dia. 84.5	1st 2.0			
				Comp. Height 49.3	Length 165.0	2nd 1.75			
				Pin Dia. 27.0	#140	Oil 4.0			
				Length 65.0					
3LB1	77.4	3		8-97034574-0					
4LB1		4		8-97176888-0					
Piston: Liner:				Length 70.0	Fitting Dia. 80.5	1st 2.0			
				Comp. Height 35.5	Length 150.0	2nd 1.5			
				Pin Dia. 21.0	#120	Oil 3.5			
				Length 60.0					
3LD1	83.1	3		8-97176287-0					
				8-97176887-0					
Piston: Liner:				Length 80.0	Fitting Dia. 86.5	1st 2.0			
				Comp. Height 43.9	Length 170.0	2nd 1.75			
				Pin Dia. 25.0	#140	Oil 4.0			
				Length 63.0					
4FE1	76.3	4		8-94169747-1					
© Gemini Diesel , 1487cc									
Piston with ALFIN & Tin plated. Liner: Semi-Finished, No flange.				Length 79.9	Fitting Dia. 80.0	1st 2.0			
				Comp. Height 44.9	Length 150.0	2nd 2.0			
				Pin Dia. 25.0		Oil 4.0			
				Length 63.0					

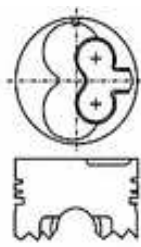
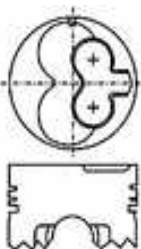
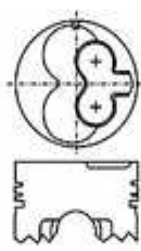
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
C221 83.0 4 5-87813-260-0 5-87810-060-1 ©Elf TLD12 TLD22 TLD22V TLD22W TLD22VF TLD32 TLD 52 TLD62 , BLD22 , 2207cc				5-12111-065-0 8-97176-868-0 9-12111-646-0	8-97176-669-0 9-11261-253-1 (Chromed)	5-12121-013-0 5-12121-014-0 5-12181-015-0 R17861
Piston with Tin plated. Liner: Chromed				Length 95.5 Comp. Height 48.5 Pin Dia. 25.0 Length 72	Fitting Dia. 86.0 Length 174.0 Flange Dia. 92.0 F/Dep. 1.4 F	1st 2.0 2nd 2.0 3rd 2.0 1st Oil 5.0 2nd Oil 5.0
4LE1 85.0 4				8-97146-996-0		
Piston Liner:				Length 77.9 Comp. Height 41.9 Pin Dia. 25.0 Length 67.0	Fitting Dia. 89.0 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 1.75 Oil 4.0
4LE2 85.0 4				8-97232-602-0		
Piston:Round combustion Chamber 41mm. Liner:				Length 77.4 Comp. Height 41.4 Pin Dia. 25.0 Length 67.0	Fitting Dia. 89.0 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 1.75 Oil 4.0
C190 (4G) 86.0 4 5-87813-236-0 5-87810-148-1 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 1951cc				5-12111-119-0 5-12111-137-0 5-12111-202-0 5-12111-203-0	8-97176-661-0 9-11261-224-1 (Chromed)	5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0 R17250
Piston with Tin plated. Liner: Chromed				Length 95.6 Comp. Height 51.6 Pin Dia. 27.0 Length 68.0	Fitting Dia. 88.0 Length 163.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 3rd 2.0 Oil 5.0

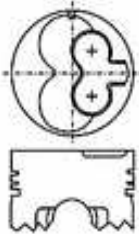
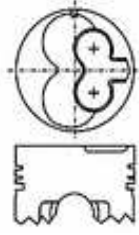
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
C190 (3G) 86.0 4 5-87810-183-2 ©Elf 150 , 1951cc				5-12111-225-0 5-12111-226-0 8-97176-584-0	9-11261-224-0 9-11261-224-1 8-97176661-0 (Chromed)	5-12121-021-0 8-94104-949-0 R17390
Piston with Tin plated. Liner: Chromed.				Length 96.6 Comp. Height 51.6 Pin Dia. 27.0 Length 68.0	Fitting Dia. 88.0 Length 163.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 5.0
C240 (3G) 86.0 4 5-87813-256-0 5-87810-209-2 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 2369cc				5-12111-225-1 8-97176-584-0	8-97176-898-0 9-11261-230-1 (Chromed)	5-12121-021-0 8-94104-949-0 R17390
Piston with Tin plated. Liner: Chromed.				Length 96.6 Comp. Height 51.7 Pin Dia. 27.0 Length 68.0	Fitting Dia. 88.0 Length 178.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 5.0
C240 (4G) 86.0 4 5-87813-248-0 5-87810-085-2 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 2369cc				5-12111-064-0 9-12111-813-0 5-12411-064-0	9-11261-230-0 9-11261-230-1 8-97176898-0 (Chromed)	5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0 R17250
Piston with Tin plated. Liner: Chromed.				Length 95.6 Comp. Height 51.6 Pin Dia. 27.0 Length 72.0	Fitting Dia. 88.0 Length 178.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 3rd 2.0 Oil 5.0
C240 (3G) 86.0 4 5-87810-536-2 5-87813-280-0 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 2369cc				5-12111-202-0 5-12111-202-1 5-12111-203-0	9-11261-230-0 9-11261-230-1 (Chromed)	5-12121-021-0 8-94104-949-0 R17390
Piston with Tin plated. Valve print Liner: Chromed.				Length 95.6 Comp. Height 51.6 Pin Dia. 27.0 Length 72.0	Fitting Dia. 88.0 Length 178.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 3rd 2.0 Oil 5.0

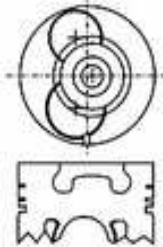
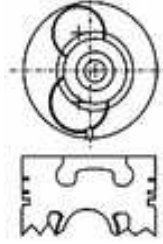
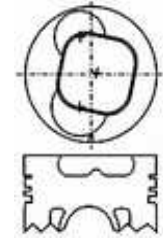
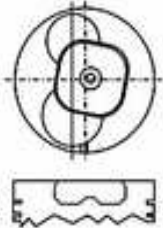
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
C240 (3G) 86.0 4 5-87810-536-2 5-87813-280-0 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 2369cc				8-94326-225-0 8-97176-864-0		9-11261-230-0 9-11261-230-1 8-97176898-0 (Chromed)			
Piston with Tin plated. Liner: Chromed.				Length 84.5 Comp. Height 51.5 -2.5 Pin Dia. 27.0 Length 68.0	Fitting Dia. 88.0 Length 178.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 5.0			
C240 (5G) 86.0 4 ©Elf TLD13.23.23Z TLD43.53.63 KUD20.20VF , 2369cc				5-12411-056-1		9-11261-230-0 9-11261-230-1 8-97176898-0 (Chromed)			
Piston with Tin plated. Liner: Chromed .				Length 95.5 Comp. Height 51.5 -3.0 Pin Dia. 27.0 Length 72.0	Fitting Dia. 88.0 Length 178.0 Flange Dia. 94.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 3rd 2.0 Oil 1 5.0 Oil 2 5.0			
C223 88.0 4 ©117 Coupe, Rodeo , Bighorn , 2238cc				5-12111-212-0		5-11261-015-0 5-11261-015-2 8-94169-883-1 (Chromed)	5-12121-017-0 5-12121-024-0 R17400		
Piston with Tin plated. Liner: Chromed.				Length 90.0 Comp. Height 47.5 Pin Dia. 27.0 Length 68.2	Fitting Dia. 90.0 Length 163.0 Flange Dia. 95.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 4.5			
C223 88.0 4 5-87813-244-0 5-87810-239-1 ©Rodeo TFR52 ©Bighorn TFS52,KRD22 2238cc				8-94250-729-0 8-97176-592-0		8-97176-677-0 5-11261-015-2 (Chromed)	8-94253-736-0 R17380		
Piston with Tin plated. Liner: Chromed.				Length 82.5 Comp. Height 47.5 -2.6 Pin Dia. 27.0 Length 68.0	Fitting Dia. 90.0 Length 163.0 Flange Dia. 95.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0			

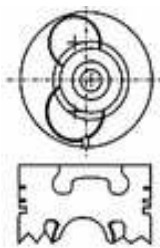
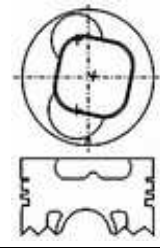
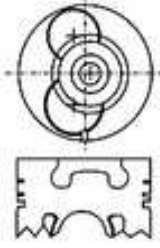
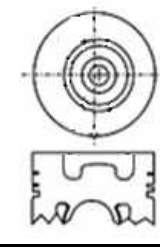
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
C223T 88.0 4 ©Faster , Hi pack van , 2238cc				8-94418-826-0	5-11261-015-0 5-11261-015-2 8-94169-883-1 (Chromed)	8-94158-084-0 R17970
Piston with Al-Fin & Tin plated. Liner: Chromed.				Length 82.6 Comp. Height 47.6 Pin Dia. 29.0 Length 68.0	Fitting Dia. 90.0 Length 163.0 Flange Dia. 95.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 4.0
C223T 88.0 4 ©Faster , Hi pack van , 2238cc				8-94468-507-0	5-11261-015-0 5-11261-015-2 8-94169-883-1 (Chromed)	8-94468-521-0 SDI10-119ZZ
Piston with Al-Fin & Tin plated. Liner: Chromed .				Length 82.6 Comp. Height 47.6 Pin Dia. 29.0 Length 68.0	Fitting Dia. 90.0 Length 163.0 Flange Dia. 95.0 F/Dep. 0.9 F	1st 2.5 H 2nd 2.0 Oil 4.0
C223T 88.0 4 ©Faster , Hi pack van , 2238cc				8-94250-181-0	5-11261-015-0 5-11261-015-2 8-94169-883-1 (Chromed)	8-94158-084-0 R17970
Piston with Al-Fin,Oil Gallery & Tin plated. Liner: Chromed.				Length 82.8 Comp. Height 47.5 Pin Dia. 29.0 Length 68.0	Fitting Dia. 90.0 Length 163.0 Flange Dia. 95.0 F/Dep. 0.9 F	1st 2.5 2nd 2.0 Oil 4.0
4JA1 93.0 4 ©KBD23,28 TFR54,TFS54 2499cc			5-87813-169-0 5-87810-717-0	8-94369-281-0 8-97176-598-0 8-94152-712-1	8-97176-693-0 8-94462-130-0 8-94110-144-0 (Chromed)	8-94247-867-1 R17490
Piston with Tin plated. Rectangle Combustion Chamber 44mm Liner: Chromed.				Length 87.9 Comp. Height 47.8 -14.7 Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 156.0 Flange Dia. 101.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0

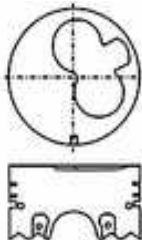
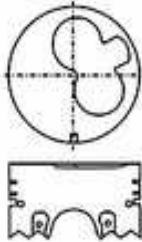
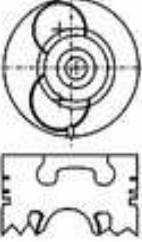
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4JA1 93.0 4 5-87813-173-0 ©KBD23,28 TFR54,TFS54 2499cc				8-97089-892-0 8-97176-601-0	8-97176-693-0 8-94462-130-0 8-94110-144-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated.Round Combustion Chamber 44mm Liner: Chromed.				Length 87.8 Comp. 47.8 Height -14.7 Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 156.0 Flange Dia. 101.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0
4JA1T 93.0 4 ©KBD23,28 TFR54,TFS54 2499cc				8-97176-695-0 8-97176-691-0 8-97942-985-0	8-97176-693-0 8-94462-130-0 8-94110-144-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated.Round Combustion Chamber 44mm Liner: Chromed.				Length 102.8 Comp. 47.8 Height Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 156.0 Flange Dia. 101.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0
4JB1 93.0 4 5-87811-377-0 5-87810-627-0 ©Elf150 , 2771cc				8-97176-604-0 8-94433-177-0 8-97152-711-0	8-97176-685-0 8-94247-861-2 8-94247-861-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 48mm Liner: Chromed.				Length 91.84 Comp. 51.84 Height Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 181.0 Flange Dia. 101.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0
4JB1 93.0 4 5-87813-185-0 5-87810-628-0 ©Elf150 , 2771cc				8-97176-608-0 8-94445-718-0	8-97176-685-0 8-94247-861-2 8-94247-861-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed.				Length 91.84 Comp. 51.84 Height Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 181.0 Flange Dia. 101.0 F/Dep. 0.9 F	1st 2.0 2nd 2.0 Oil 4.0

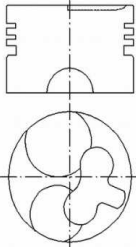
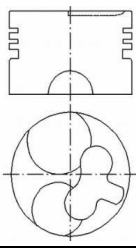
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4JB1 Elf150 , 2771cc	93.0	4	5-87813-182-0 5-87810-278-2	8-97176-606-0 8-97108-622-2	8-97176-685-0 8-94247-861-2 8-94247-861-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated. Round Combustion Chamber 44mm Liner: Chromed. 				Length 91.8 Comp. Height 51.8 -19.0 Pin Dia. 31.0 Length 76.0	Fitting Dia. 95.0 Length 181.0 Flange Dia. 101.0 Flange Height 0.9 Fire Protection	1st 2.0 2nd 2.0 Oil 4.0
4JB1T ©Elf150 , 2771cc	93.0	4	5-87810-636-0 5-87813-189-0	8-94340-620-0 8-94340620-0 8-97176-602-0	8-97176-685-0 8-94247-861-2 8-94247-861-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed. 				Length 91.84 Comp. Height 51.84 -13.8 Pin Dia. 34.0 Length 78.0	Fitting Dia. 95.0 Length 181.0 Flange Dia. 101.0 Flange Height 0.9 Fire Protection	1st 2.0 2nd 2.0 Oil 4.0
4JB1T ©Elf150 , 2771cc	93.0	4	5-87813-194-0	8-97176-610-0 8-94340-621-0	8-97176-685-0 8-94247-861-2 8-94247-861-0 (Chromed)	8-94247-867-1 R17490
Piston with Al-Fin & Tin plated. Round Combustion Chamber 43mm Liner: Chromed. 				Length 91.84 Comp. Height 51.84 Pin Dia. 34.0 Length 78.0	Fitting Dia. 95.0 Length 181.0 Flange Dia. 101.0 Flange Height 0.9 Fire Protection	1st 2.0 2nd 2.0 Oil 4.0
4JG1	95.40	4	5-87813-201-0	8-97147-984-0 8-97220-604-0	8-97176-701-0 8-94456-791-0 8-97176-699-0 8-97043-287-0 (Chromed)	
PISTON:with Al-Fin & Tin plated. Round Combustion Chamber 43mm LINER: 				Length 89.34 Comp. Height 49.34 Pin Dia. 34.0 Length 78.0	Fitting Dia. 97.0 Length 178.5 Flange Dia. 102.5 Flange Height 1.1 Fire Protection	1st 2.5 2nd 2.0 Oil 4.0

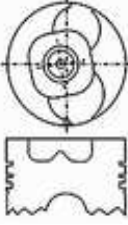
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
4JG2 ©TC-1C O-UBS69GW 3059cc	95.4	4	5-87813-213-0	8-97176-622-0 8-97073-647-1		8-97176-701-0 8-97176-702-0 8-94456-791-0 8-97176-699-0 8-97043-287-0		8-97080-215-0 R17211	
Piston with Al-Fin & Tin plated. Liner: Chromed.				Length 89.24 Comp. Height 49.24 Pin Dia. 34.0 Length 78.0		Fitting Dia. 97.0 Length 178.5 Flange Dia. 102.5 Flange Height 1.1 Fire Protection		1st 2.5 2nd 2.0 Oil 4.0	
4JG2T ©TC-1C O-UBS69GW 3059cc	95.4	4	5-87813-222-1	8-97176-624-0 8-97176-624-1 8-97176-625-0 8-97176-625-1		8-97176-701-0 8-94456-791-0 8-97176-699-0 8-97043-287-0 (Chromed)		8-97080-215-0 R17211	
Piston with Al-Fin, Oil Gallery, Head Anodized & Tin plated. Liner: Chromed.				Length 89.32 Comp. Height 49.35 Pin Dia. 34.0 Length 78.0		Fitting Dia. 97.0 Length 178.5 Flange Dia. 102.5 Flange Height 1.1 Fire Protection		1st 2.5 2nd 2.0 Oil 4.0	
4JH1-TC 2999cc	95.4	4	5-87814091-2	8-97305-586-1 8-97941047-3		8-97176-701-0 8-94456-791-0 8-97176-699-0 8-97043-287-0 (Chromed)		8-97941-122-0 8-97259-941-0 SDI-10193	
Piston with Al-Fin, Oil Gallery & Tin plated. Round Combustion Chamber 45mm Liner: Chromed.				Length 88.9 Comp. Height 49.9 Pin Dia. 31.0 Length 76.0		Fitting Dia. 97.0 Length 178.5 Flange Dia. 102.5 Flange Height 1.1 Fire Protection		1st 2.5 2nd 2.0 Oil 3.0	
4JJ1	95.4	4		8-97367-397-1 8-97397-398-1		9-97367-387-1			
Piston: Al-fin. Round combustion Chamber 55mm. Liner:				Length 78.4 Comp. Height 49.8 Pin Dia. 34.0 Length 78.0		Fitting Dia. 99.4 Length 177.0 Flange Dia. #160 F/Dep. F		1st 2.0H 2nd 1.5 Oil 3.0	

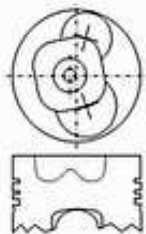
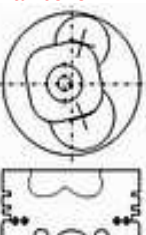
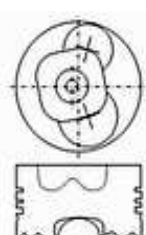
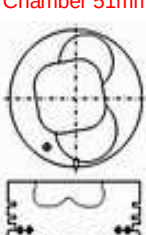
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BA1 98.0 4 5-87810087-3 5-87813-324-0 ©Elf ©Truck TLD34.44.54 TLD 26.64 , 2775 cc				5-12111-055-1 8-97176-626-0	5-11261-802-0 9-11261-802-2 (Chromed)	5-12121-001-0 5-12121-019-0 5-12181-025-0 5-12181-601-0 R17150
Piston : Tin Plated. Liner :Chromed.				Length 112.3 Comp. Height 62.5 Pin Dia. 33.0 Length 85.0	Fitting Dia. 102.0 Length 180.5 Flange Dia. 108.0 F/Dep. 4.0 F	1st 3.0 2nd 2.0 Oil 5.0
D500 98.0 6 1-87810-087-2 ©Forward TR,BY 4978CC				1-12111-055-1 8-97176-626-0	9-11261-257-0 1-11261-355-0 (Chromed)	5-12181-020-0 9-12181-608-0 R17560
Piston : Tin Plated. Liner :Chromed.				Length 112.3 Comp. Height 62.5 Pin Dia. 33.0 Length 85.0	Fitting Dia. 101.0 Length 206.5 Flange Dia. 108.0 F/Dep. 1.4 F	1st 3.0 2nd 2.0 Oil 5.0
DA120 (4G) 100.0 6 9-88520-064-4 ©Bus BA341P.343.351.BA541.543.551.BB341.351.551. © BX352.531.552 For Industrial machine ,6126CC				1-12111-126-0 1-12111-864-0 9-12111-376-0 9-12111-901-0	9-87692-095-0	1-12181-128-0 1-12181-005-0 1-12181-036-0 1-12181-087-0 R17320
Piston with Tin plated. Liner: Fully Finished.				Length 125.0 Comp. Height 62.0 -6.0 Pin Dia. 34.0 Length 84	Fitting Dia. 113.0 Length 220.0 Flange Dia. 119.0 F/Dep. 8.0 F	1st 2.5 2nd 2.5 3rd 2.5 Oil 5.0
DA220 (4G) 100.0 4 5-87813-316-0 9-88520-063-4 ©For Industrial Machine 4084CC				1-12111-126-0 1-12111-864-0 9-12111-376-0 9-12111-901-0	9-87692-095-0	1-12181-128-0 1-12181-005-0 1-12181-036-0 1-12181-087-0 R17320
Piston with Tin plated. Liner: Fully Finished.				Length 125.0 Comp. Height 62.0 Pin Dia. 34.0 Length 84.0	Fitting Dia. 113.0 Length 220.0 Flange Dia. 119.0 F/Dep. 8.0 F	1st 2.5 2nd 2.5 3rd 2.5 Oil 5.0

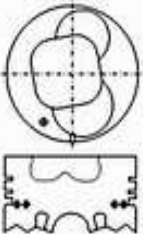
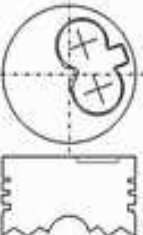
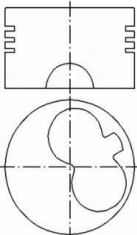
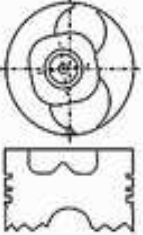
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BB1 102.0 4 5-87810-088-1 5-87813-108-0 ©Elf ©Trcuk KS11,21,31,KS121D,KA31 3595 cc				5-12111-013-0 1-12111-745-0	1-11261-118-0 1-11261-242-0	5-12121-005- 5-12181-003-1 5-12181-024-1 R17210
Piston : Tin Plated.Rectangle Combustion Chamber 52mm Liner :Chromed.				Length 112.4 Comp. Height 62.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BC1 102.0 4 5-81810172-1 5-87810210-1 ©Elf Journey. 3268 cc				5-12111-172-1 5-12111-188-1	5-11261-014-0 5-11261-014-2 (Chromed)	5-12121-004-0 R17531
Piston : Alfin & Tin Plated. Liner :Chromed.				Length 112.0 Comp. Height 58.5 Pin Dia. 33.0 Length 83.0	Fitting Dia. 105.0 Length 187.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BC2 102.0 4 5-87810-211-4 5-87810-292-2 ©Elf Journey, 3268 cc				5-12111-230-4 8-94169-765-0	5-11261-014-2 8-97176709-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Tin Plated.Rectangle Combustion Chamber 49mm Liner :Chromed.				Length 98.2 Comp. Height 58.9 Pin Dia. 35.0 Length 85.0	Fitting Dia. 105.0 Length 187.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD1 102.0 4 5-87813-145-0 5-87810-479-1 ©Elf ©Trcuk KS11,21,31,KS121D,KA31 3856 cc				8-97176-638-0 8-94452-912-0	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Tin Plated.Rectangle Combustion Chamber 51mm Liner :Chromed.				Length 98.2 Comp. Height 58.9 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0

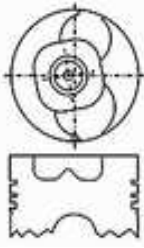
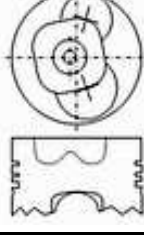
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BD1	102.0	4	5-87810-221-1 587813-128-0 ◎Elf ◎Trcuk KS11,21,31,KS121D,KA31 3856 cc	5-12111-242-1 8-97176-636-0	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Tin Plated.Rectangle Combustion Chamber 51mm Liner :Chromed. 				Length 98.1 Comp. Height 58.8 -20.0 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD1T	102.0	4	5-87813-324-0 5-87810-555-1 ◎Elf ◎Trcuk KS11,21,31,KS121D,KA31 3856 cc	8-97176-836-0 8-94321-734-0	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston:Alfin & Tin Plated.Rectangle Combustion Chamber 51mm Liner :Chromed. 				Length 98.1 Comp. Height 58.8 -19.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD1T	102.0	4	5-87810-221-1 587813-128-0 ◎Elf ◎Trcuk KS11,21,31,KS121D,KA31 3856 cc	8-97176-636-0 5-12111-242-1	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Alfin & Tin Plated. Rectangle Combustion Chamber 51mm Liner :Chromed. 				Length 98.1 Comp. Height 58.8 -20.0 Pin Dia. 35.0 Length 87.5	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD1T	102.0	4	5-87810-316-4 5-87810-316-5 ◎Elf ◎Trcuk KS11,21,31,KS121D,KA31 3856 cc	8-94175-027-2	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Alfin & Tin Plated. Rectangle Combustion Chamber 51mm Liner :Chromed. 				Length 98.1 Comp. Height 58.7 -19.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0

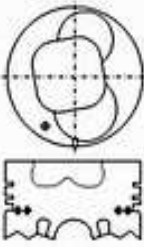
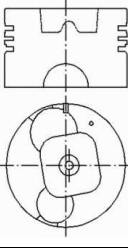
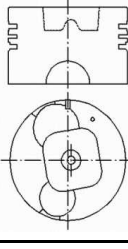
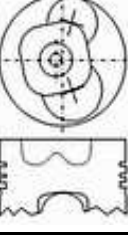
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BD1T 102.0 4 5-87810-485-1 5-87813-136-0 © Elf © Trcuk KS11,21,31,KS121D,KA31 3856 cc				1-12111-325-1 1-12111-428-0 1-12111-775-0	1-11261-118-0 1-11261-242-0	5-12121-005-0/cyl. 5-12181-003-1 5-12181-024-1 R17210
Piston : Alfin & Tin Plated. Rectangle Combustion Chamber 55mm Liner : Chromed.				Length 98.0 Comp. Height 58.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD2T 102.0 4 5-87810-922-1 5-87813-149-0 © Truck KS11,21,31 KS121D,KA31 3856cc				8-97025-457-2 8-97176-640-0	1-11261-118-0 1-11261-242-0	5-12121-005-0 5-12181-003-1 5-12181-024-1 R17210
Piston with ALFIN, Oil Gallery & Head Anodized, Tin plated. Liner: Chromed.				Length 98.1 Comp. Height 58.8 -2.6 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BD2T New 102.0 4 5-87811863-0 © Truck KS11,21,31 KS121D,KA31 3856cc				8-97176-642-0	1-11261-118-0 1-11261-242-0	8-97117-686-0 SDI10-147ZZ
Piston with ALFIN, Oil Gallery & Head Anodized, Tin plated. Liner: Chromed.				Length 98.2 Comp. Height 58.9 -3.1 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.0 Oil 4.0
6BB1 102.0 6 1-87810-088-6 1-87811-521-0 © Truck: SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 © Tractor: VBR320 VBR322, 5393CC				5-12111-013-0 1-12111-745-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
Piston : Tin Plated. Rectangle Combustion Chamber 52mm Liner : Chromed.				Length 112.4 Comp. Height 62.8 -19.0 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0

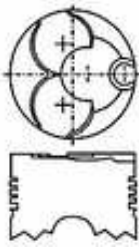
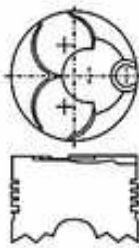
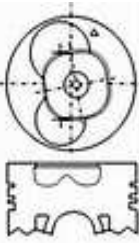
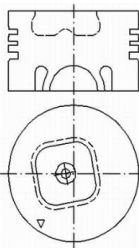
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6BB1	102.0	6	1-87810-709-0 1-87810-509-0	1-12111-633-0 1-12111-741-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
◎Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 ◎Tractor:VBR320 VBR322 , 5393CC						
Piston : Tin Plated.Rectangle Combustion Chamber 53mm Liner :Chromed.				Length 102.1 Comp. Height 62.8 -19.0 Pin Dia. 35.0 Length 87	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
						
6BD1	102.0	6	5-87810-093-7 5-87813-541-0	5-12111-068-0 5-12111-068-2	1-11261-118-0 1-11261-242-0	5-12121-055- 5-12181-023-2 R17300
◎Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 ◎Tractor:VBR320 VBR322 , 5785CC						
Piston :Tin Plated.Rectangle Combustion Chamber 55mm Liner :Chromed.				Length 104.2 Comp. Height 58.8 -2.0 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
						
6BD1	102.0	6	1-87811-354-0	1-12111-303-1 1-12111-773-0	1-11261-118-0 1-11261-242-0	5-12121-055- 5-12181-023-2 R17300
◎Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 Tractor:VBR320 VBR322 , 5785CC						
Piston : Tin Plated.Rectangle Combustion Chamber 55mm Liner :Chromed.				Length 104.2 Comp. Height 58.75 -2.0 Pin Dia. 35.0 Length 87	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
						
6BD1	102.0	6	1-87810577-0	1-12111-332-0 1-12111-587-1 1-12111-749-0	1-11261-118-0 1-11261-242-0	5-12121-055- 5-12181-023-2 R17300
◎Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 Tractor:VBR320 VBR322 , 5785CC						
Piston : Tin Plated.Rectangle Combustion Chamber 54.5mm Liner :Chromed.				Length 98.0 Comp. Height 58.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
						

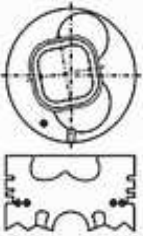
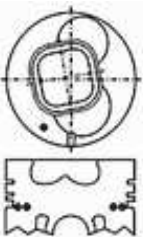
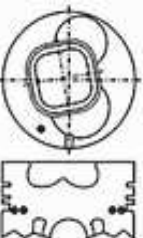
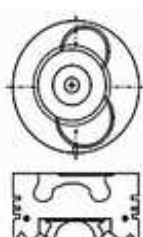
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6BD1T 102.0 6 1-87810-457-2 1-87811-362-0 ©Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 ©Tractor:VBR320 VBR322 , 5393CC				8-97321-734-0 8-97176-836-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
Piston:ALFIN & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed.				Length 98.1 Comp. Height 58.8 Pin Dia. 35.0 Length 87	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
6BD1T 102.0 6 1-87810-340-1 1-87811-545-0 Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 Tractor:VBR320 VBR322 , 5393CC				1-12111-325-1 1-12111-428-0 1-12111-775-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
Piston with ALFIN & Tin plated.Rectangle Combustion Chamber 55mm Liner: Chromed.				Length 98.0 Comp. Height 58.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
6BD1T 102.0 6 1-87810-366-3 1-87811-353-0 Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 Tractor:VBR320 VBR322 , 5393CC				1-12111-303-1 1-12111-773-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
Piston with ALFIN & Tin plated.Rectangle Combustion Chamber 55mm Liner: Chromed.				Length 104.2 Comp. Height 58.75 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
6BD1T 102.0 6 1-87811-594-0 1-87810-226-5 ©Truck:SBR320.380.400.450.500.680 JBR FBR370 YBR360 310 ©Tractor:VBR320 VBR322 , 5393CC				1-12111-240-1 1-12111-777-0	1-11261-118-0 1-11261-242-0	5-12121-055-0/cyl. 5-12181-023-2 R17300
Piston with ALFIN & Tin plated. Rectangle Combustion Chamber 55mm Liner: Chromed.				Length 104.2 Comp. Height 58.75 Pin Dia. 35.0 Length 87.0	Fitting Dia. 105.0 Length 204.0 Flange Dia. 112.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0

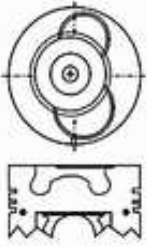
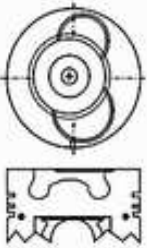
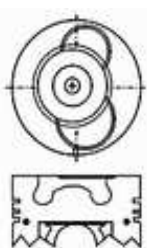
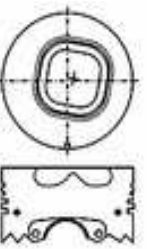
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
DA640 102.0 6 1-87811-611-0 1-87810-016-5 ©Bus BA741 BA741P BA743 BB751 BR10 BR10PBR20 BR20P BR351 BR351P BX721E BX731 BX752 , 6373cc				1-12111-858-0 1-12111-122-1 9-12111-740-0 9-12111-902-1	9-87692-096-0 9-11261-288-0	
Piston with Tin plated. Liner: Fully Finished				Length 125.0 Comp. Height 68.0 Pin Dia. 36.0 Length 86.0	Fitting Dia. 113.0 Length 228.0 Flange Dia. 119.0 F/Dep. 8.0 F	1st 2.5 2nd 2.5 3rd 2.5 Oil 5.0
DA640T 102.0 6 1-87810-116-1 1-87811-677-0 ©Bus BA741 BA741P BA743 BB751 BR10 BR10PBR20 BR20P BR351 BR351P BX721E BX731 BX752 , 6373cc				1-12111-125-1 1-12111-867-0	9-87692-096-0 9-11261-288-0	1-12181-110-0 1-12181-007-0 1-12181-033-0 1-12181-074-0 R17550
Piston with Tin plated. Liner: Fully Finished				Length 125.0 Comp. Height 68.0 Pin Dia. 36.0 Length 86.0	Fitting Dia. 113.0 Length 228.0 Flange Dia. 119.0 F/Dep. 8.0 F	1st 3.5K 2nd 2.5 3rd 2.5 Oil 5.0
4BE1 105.0 4 5-87810-496-1 (W/O Valve Print) 5-87813-156-0 ©Elf 2ton,3636cc				5-12111-022-0 8-94438-989-1 8-97176-644-0	5-11261-016-2 5-11261-016-0 8-97176-717-0 (Chromed)	8-94418-918-0 R17980
Piston : ALFIN & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed.				Length 95.7 Comp. Height 56.4 -18.0 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 187.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
4BE1 105.0 4 5-87810-832-0 (W/ Valve Print) 5-87813-160-0 ©Elf NPR58 3636cc				8-94478-116-0 8-97176-648-0	5-11261-016-2 5-11261-016-0 8-97176-717-0 (Chromed)	8-94418-918-0 R17980
Piston : ALFIN & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed.				Length 95.7 Comp. Height 56.4 -18.0 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 187.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0

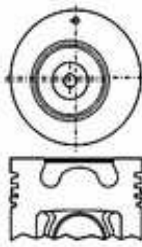
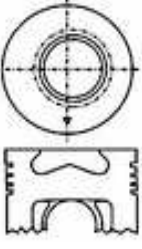
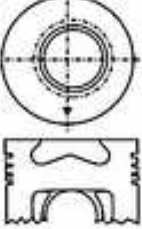
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6BF1 ©Forward , 6130cc	105.0	6	5-87810-143-3 5-87813-694-0	1-12111-345-0 1-12111-871-0	1-11261-119-0 1-11261-250-0 (Chromed)	1-12121-052-0 5-12121-006-0 R17920
Piston : ALFIN & Tin plated. Rectangle Combustion Chamber 51mm Liner: Chromed.				Length 110.0 Comp. Height 58.8 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 5.0
						
6BG1 ©Forward FRS12,FTR12 6494cc	105.0	6	1-87811-418-0 1-87810-605-1	1-12111-781-0 1-12111-377-4 1-12111-528-0	1-11261-250-0 1-11261-119-0 (Chromed)	1-12121-065-0 R17004
Piston with ALFIN & Tin plated. Rectangle Combustion Chamber 57mm Liner: Chromed.				Length 94.6 Comp. Height 55.3 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 4.0
						
6BG1T ©Forward FRS12,FTR12 6494cc	105.0	6	1-87811-553-0 1-87810-411-2	1-12111-761-0 1-12111-366-0 1-12111-585-1	1-11261-250-0 1-11261-119-0 (Chromed)	1-12121-065-0 R17004
Piston with ALFIN & Tin plated. Rectangle Combustion Chamber 60mm Liner: Chromed.				Length 94.6 Comp. Height 55.3 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.0 2nd 2.5 Oil 4.0
						
6BG1TC ©Forward FRS12,FTR12 6494cc	105.0	6	1-87811-407-0 1-87810-904-0	1-12111-785-0 1-12111-626-0 1-12111-593-0	1-11261-250-0 1-11261-119-0 (Chromed)	1-12121-115-0 R17864
Piston with ALFIN, Oil gallery & Tin plated. Round Combustion Chamber 56mm Liner: Chromed.				Length 94.6 Comp. Height 55.3 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.5 2nd 2.5 Oil 4.0
						

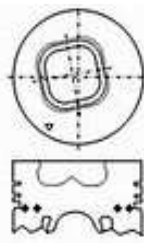
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6BG1TC 105.0 6 1-87812-138-0 1-87812-485-1 ©Forward FRS12,FTR12 6494cc				8-97358-574-0 8-97254-351-0	1-11261-250-0 1-11261-119-0 (Chromed)	
Piston with ALFIN, Oil gallery & Tin plated. Round Combustion Chamber 47mm Liner: Chromed.				Length 94.3 Comp. Height 55.3 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.306K 2nd 2.5 3rd 2.5 Oil 4.0
4BG1 105.0 6 5-87813256-0				8-97288-256-0	1-11261-250-0 1-11261-119-0 (Chromed)	
Piston : ALFIN & Tin plated. Round Combustion Chamber 59mm Liner: Chromed.				Length 94.7 Comp. Height 55.3 Pin Dia. 35.0 Length 88.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.306K 2nd 2.5 Oil 4.0
4BG1 105.0 6				8-97176846-0	1-11261-250-0 1-11261-119-0 (Chromed)	
Piston : ALFIN & Tin plated. Pantagle Combustion Chamber 65mm Liner: Chromed.				Length 94.6 Comp. Height 55.5 Pin Dia. 35.0 Length 87.0	Fitting Dia. 107.0 Length 203.0 Flange Dia. 113.0 F/Dep. 1.4 F	1st 3.306K 2nd 2.5 Oil 4.0
6HE1 110.0 6 1-87810-853-0 ©Forward ©Truck 7127cc				8-94396-837-0 8094391-597-0	8-94396-332-0 8-94391-600-0	8-94396-840-0 R17175
Piston with ALFIN & Tin plated. Rectangle Combustion Chamber 56mm Liner: Fully Finished & Phosphated.				Length 99.86 Comp. Height 66.11 Pin Dia. 36.0 Length 79.0	Fitting Dia. 113.0 Length 210.0 Flange Dia. 119.7 F/Dep. 6.2 F	1st 3.0 2nd 2.5 Oil 4.0

Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4HE1T ©Elf , NPR , 4751cc	110.0	4	5-87813-328-0	8-97176-652-0 8-97183-664-0 8-97183-665-0 8-97233-129-0 8-97233-130-0	8-97176-723-0 8-97176-724-0 8-97176-725-0 8-97176-726-0 8-97176-728-0	8-97078-779-0 R17685
Piston with ALFIN, Oil gallery & Tin plated.Round Combustion Chamber 56mm Liner: Fully Finished.				Length 120.0 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 115.0 Length 210.0 Flange Dia. 121.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.5 Oil 4.0
4HE1X ©Elf , NPR , 4751cc	110.0	4	5-87814-919-0	8-94391696-0 8-97251696-0	8-97176-723-0 8-97176-724-0 8-97176-725-0 8-97176-726-0 8-97176-728-0	8-97166-992-0 SDI-10177
Piston with ALFIN, Oil gallery,Skirt with MoS2 Coating & Tin plated.Round Combustion Chamber 49mm Liner: Fully Finished.				Length 110.0 Comp. Height 66.2 Pin Dia. 40.0 Length 87.0	Fitting Dia. 115.0 Length 210.0 Flange Dia. 121.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.0 3rd 1.2 Oil 3.0
6HE1T ©Forward ©Truck 7127cc	110.0	6	1-87811-663-0	1-87310-059-0 1-87310-060-0 8-94391-594-0 8-94391-596-0 8-94391-605-0	8-94396-332-0 8-94391-600-0	8-94390-529-1 SDI10-146ZZ 8-94395-061-5 SJI10-146ZZ
Piston with ALFIN ,Oil Gallery & Tin plated.Round Combustion Chamber 57mm Liner: Fully Finished & Phosphated.				Length 119.86 Comp. Height 66.11 Pin Dia. 40.0 Length 87.0	Fitting Dia. 113.0 Length 210.0 Flange Dia. 119.7 F/Dep. 6.2 F	1st 3.836 K 2nd 3.0 3rd 2.5 Oil 3.0
6HE1T ©Forward , 7127cc	110.0	6	5-87814-919-0	8-94391-696-0	8-94396-332-0 8-94391-600-0	8-97166-992-0 SDI-10177
Piston with ALFIN ,Oil Gallery,Skirt with MoS2 Coating & Tin plated.Round Combustion Chamber 49mm Liner: Fully Finished & Phosphated.				Length 110.0 Comp. Height 66.2 Pin Dia. 40.0 Length 87.0	Fitting Dia. 113.0 Length 210.0 Flange Dia. 119.7 F/Dep. 6.2 F	1st 3.0 H 2nd 2.0 3rd 1.2 Oil 3.0

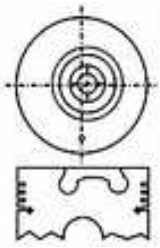
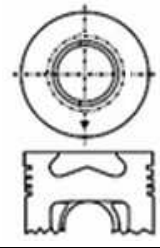
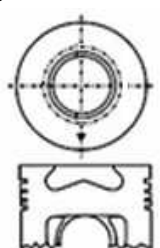
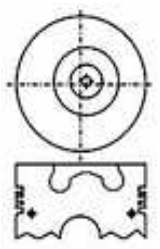
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4HF1 ©Elf ,NPR66 , 4334cc	112.0	4	5-87813-332-0 5-87811-607-0	8-97176-655-0 8-97095-585-1	8-94389-276-3 8-97176-727-0 8-97144-174-0	8-97028-691-0 R17863
Piston with ALFIN & Tin plated.Round Combustion Chamber 54mm Liner: Fully Finished & Phosphated. 				Length 94.5 Comp. Height 60.75 Pin Dia. 36.0 Length 79.0	Fitting Dia. 115.0 Length 180.0 Flange Dia. 121.7 F/Dep. 6.0 F	1st 3.0 2nd 2.5 Oil 4.0
4HF1 ©Elf ,NPR66 , 4334cc	112.0	4	5-87813-336-0	8-97119-325-0 8-97176-657-0	8-94389-276-3 8-97176-727-0 8-97144-174-0	8-97109-462-0 R17481
Piston with ALFIN & Tin plated.Round Combustion Chamber 49mm Liner: Fully Finished & Phosphated. 				Length 94.5 Comp. Height 60.8 Pin Dia. 36.0 Length 79.0	Fitting Dia. 115.0 Length 180.0 Flange Dia. 121.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0
4HF1 ©Elf ,NPR66 , 4334cc	112.0	4	5-87810-858-1 5-87813-330-0	8-97063-867-0 8-97095-654-0	8-94389-276-3 8-97176-727-0 8-97144-174-0	8-97028-691-0 R17863
Piston with ALFIN & Tin plated.Rectangle Combustion Chamber 55mm Liner: Fully Finished & Phosphated. 				Length 94.5 Comp. Height 60.8 Pin Dia. 36.0 Length 79.0	Fitting Dia. 115.0 Length 180.0 Flange Dia. 121.7 F/Dep. 6.0 F	1st 3.0 2nd 2.5 Oil 4.0
8PA1 10PA1 12PA1 ©SKS390,SKW520(8PA1) 9971cc , SRZ440,CRA650(10PA1) 12464cc , VTR300,VRZ440,VTR290(12PA1) 14957cc				1-12111-154-1 1-12111-788-0	1-11261-063-0 1-11261-155-0	1-12121-042-0 1-12181-016-0 1-12181-060-0 R17060
Piston with Al-Fin & Tin plated.Round Combustion Chamber 60mm Liner: Fully Finished				Length 113.2 Comp. Height 75.0 Pin Dia. 38.0 Length 80.0	Fitting Dia. 130.0 Length 219.25 Flange Dia. 141.7 F/Dep. 10.0 F 1.25	1st 3.0 2nd 2.5 Oil 6.0

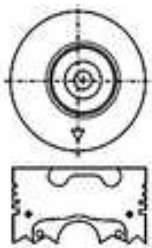
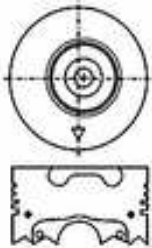
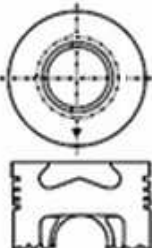
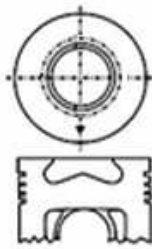
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8PA1 10PA1 12PA1 ◎SKS390,SKW520(8PA1) 9971cc , SRZ440,CRA650(10PA1) 12464cc , VTR300,VRZ440,VTR290(12PA1) 14957cc Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 59mm Liner: Fully Finished	115.0	10	1-87810-193-4 1-87810-684-2	1-12111-216-0 1-12111-792-0	1-11261-063-0 1-11261-155-0	
				Length 113.2 Comp. Height -24.1 Pin Dia. 38.0 Length 80.0	Fitting Dia. 130.0 Length 219.25 Flange Dia. 141.7 F/Dep. 10.0 F 1.25	1st 3.0 2nd 2.5 Oil 4.0
8PB1 10PB1 12PB1 ◎Truck SMR,SMK,CSA,SSZ,VSR,VSZ,VVE,VVZ (8PB1) 11217cc , (10PB1) 14022cc , (12PB1) 16826cc Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 61mm Liner: Fully Finished	115.0	10	1-87810-190-4	1-12111-794-1 1-12111-217-1	1-11261-063-0 1-11261-155-0	1-12181-061-0/cyl. 1-12181-069-0/cyl. R17110
				Length 104.0 Comp. Height -23.4 Pin Dia. 38.0 Length 78.0	Fitting Dia. 130.0 Length 219.25 Flange Dia. 141.7 F/Dep. 10.0 F 1.25	1st 3.0 2nd 2.5 Oil 4.0
4HG1 ◎Elf NPR ,4751cc Piston : ALFIN & Tin plated.Round Combustion Chamber 52mm Liner: Fully Finished & Phosphated.	115.0	4	5-87813-393-1	8-97221-484-0 8-97221346-0	8-97351-558-0 8-97144-178-0	8-97105-867-0 8-97129-054-0 R17915
				Length 119.4 Comp. Height 60.7 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 180.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0
4HG1 ◎Elf NPR ,4751cc Piston : ALFIN, Oil Gallery & Tin plated.Round Combustion Chamber 51mm Liner: Fully Finished & Phosphated.	115.0	4	5-87813-481-0	8-97221-666-0	8-97351-558-0 8-97144-178-0	8-97105-867-0 8-97129-054-0 R17915
				Length 104.4 Comp. Height 60.7 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 180.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0

Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4HG1T ©Elf NPR ,4751cc	115.0	4	5-87813-571-0	8-97221-706-0 8-97219-032-0	8-97351-558-0 8-97144-178-0	8-97105-867-0 8-97129-054-0 R17915
Piston with ALFIN , Oil Gallery & Tin plated.Round Combustion Chamber 51mm Liner: Fully Finished & Phosphated. 				Length 119.4 Comp. Height 60.7 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 180.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0
4HJ1 ©Elf NPR ,4751cc	115.0	4		8-97221-454-0	8-94393-273-1 8-94396-847-0	8-97105-867-0 8-97129-054-0 R17915
Piston:Al-fin.Skirt with MoS2 Coating & Tin plated.Round combustion Chamber 62mm. Liner: 				Length 96.8 Comp. Height 66.3 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0
4HJ1 ©Elf NPR ,4751cc	115.0	4		1-12111-302-0	8-94393-273-1 8-94396-847-0	8-97105-867-0 8-97129-054-0 R17915
Piston:Al-fin.Oil Gallery &Skirt with MoS2 Coating & Tin plated.Round combustion Chamber 62mm. Liner: 				Length 122.6 Comp. Height 68.7 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0 H 2nd 2.5 Oil 4.0
6HH1 8226cc	115.0	6	1-87811-434-1	8-94391-598-0 8-94391598-0	8-94393-273-1 8-94396-847-0	8-94390-799-0 8-94390-799-2 R17975
Piston with ALFIN, Oil Gallery & Tin plated.Round Combustion Chamber 58mm Liner: Fully Finished & Phosphated. 				Length 106.38 Comp. Height 62.6 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.5 2nd 2.5 Oil 4.0

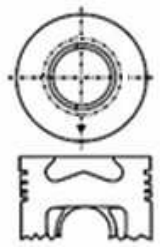
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6HH1 8226cc	115.0	6		8-94392-662-1	8-94393-273-1 8-94396-847-0	8-94390-799-0 8-94390-799-2 R17975
Piston with ALFIN, Oil Gallery & Tin plated.Round Combustion Chamber 58mm Liner: Fully Finished & Phosphated. 				Length 116.3 Comp. Height 62.6 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.5 2nd 2.5 Oil 3.0
6HH1 8226cc	115.0	6		8-94391-950-0 8-94390-798-0	8-94393-273-1 8-94396-847-0	8-94390-799-0 8-94390-799-2 R17975
Piston with ALFIN & Tin platedRound Combustion Chamber 57mm Liner: Fully Finished & Phosphated. 				Length 106.38 Comp. Height -22.6 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.5 2nd 2.5 Oil 4.0
4HK1	115.0	4		1-12111-454-0 8-97602-801-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin.Round combustion Chamber 62mm. Liner: 				Length 96.7 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.5 Oil 4.0
4HK1	115.0	4		8-97041-141-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:with ALFIN, Oil Gallery & Skirt with MoS2 coating Round combustion Chamber 61.8mm. Liner: 				Length 96.6 Comp. Height 66.2 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.5 Oil 4.0

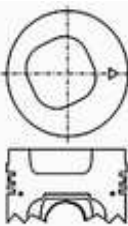
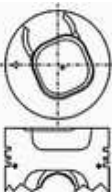
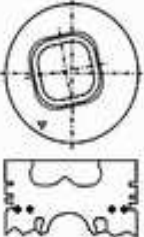
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4HK1	115.0	4		8-97602-800-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:with ALFIN, Oil Gallery. Round combustion Chamber 61.5mm. Liner:				Length 96.6 Comp. Height 66.2 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.5 Oil 4.0
4HK1	115.0	4		8-97602-801-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:with ALFIN, Oil Gallery & Skirt with MoS2 coating Round combustion Chamber 62mm. Liner:				Length 96.6 Comp. Height 66.0 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.5 Oil 4.0
6HK1	115.0	6	1-87811-764-0	8-94391-895-1	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin,Oil Gallery.Round combustion Chamber 63mm. Liner: 				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.0 3rd 2.5 Oil 3.0
6HK1	115.0	6	1-87812-775-1	8-94391-952-0 1-12111-976-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin,Oil Gallery.Round combustion Chamber 50mm. Liner: 				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.0 3rd 2.5 Oil 3.0

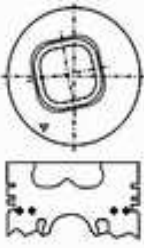
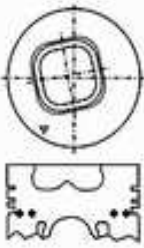
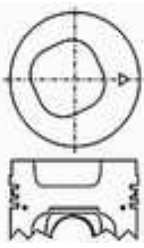
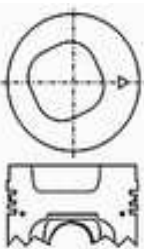
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6HK1	115.0	6		8-94391-957-1	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin, Oil Gallery .Round combustion Chamber 61mm . Liner: 				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.0 3rd 2.5 Oil 3.0
6HK1	115.0	6	1-87812775-1	1-12111-976-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin, Oil Gallery .Round combustion Chamber 50mm . Liner:				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.0 3rd 2.5 Oil 3.0
6HK1T	115.0	6	1-87812-986-0	8-98023-526-1	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin, Oil Gallery .Round combustion Chamber 61mm . Liner:				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.0 3rd 2.5 Oil 3.0
6HL1TC	115.0	6	1-87812-986-0	8-97602-904-0		8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin.Round combustion Chamber 61.7mm . Liner:				Length 119.8 Comp. Height 66.1 Pin Dia. 40.0 Length 87.0	Fitting Dia. 118.0 Length 183.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 2.948K 2nd 2.5 Oil 3.0

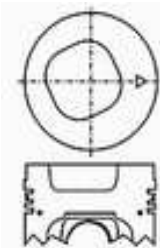
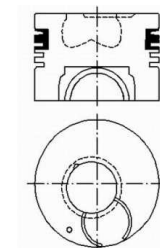
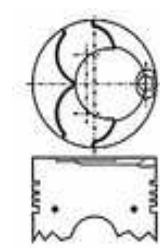
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4HL1	115.0	6	1-87812-986-0	8-97312-643-0	8-94391-602-0 8-94393-273-1 8-98014-046-0	8-94390-799-0 8-94390-799-2 R17975
Piston:Al-fin., Oil Gallery & Skirt with MoS2 coating Round combustion Chamber 55mm. Liner:				Length 112.0 Comp. Height 58.0 Pin Dia. 36.0 Length 79.0	Fitting Dia. 118.0 Length 210.0 Flange Dia. 123.7 F/Dep. 6.0 F	1st 3.0H 2nd 2.0 Oil 3.0
6SA1	115.0	6	1-87810-384-1	1-12111-826-0 1-12111-424-1 1-12111-217-1	1-11261-063-0 1-11261-065-3 1-11261-094-1	1-12121-070-0 1-12121-075-0 1-12121-113-0 R17005
Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 61mm Liner: Fully Finished ,Outer Diameter with copper p				Length 104.0 Comp. Height 67.5 Pin Dia. 38.0 Length 80.0	Fitting Dia. 119.0 Length 216.0 Flange Dia. 125.7 F/Dep. 6.0 F	1st 3.0 2nd 2.5 Oil 4.0
						
6SA1T	115.0	6	1-87810-469-2 1-87810-469-3	1-12111-459-1 1-12111-828-0	1-11261-063-0 1-11261-065-3 1-11261-094-1	1-12121-070-0 1-12121-075-0 1-12121-113-0 R17005
Piston with Al-Fin ,Oil Gallery & Tin plated.Rectangle Combustion Chamber 61mm Liner: Fully Finished ,Outer Diameter with copper plated.				Length 104.2 Comp. Height 67.5 Pin Dia. 38.0 Length 78.0	Fitting Dia. 119.0 Length 216.0 Flange Dia. 125.7 F/Dep. 6.0 F	1st 3.0 2nd 2.5 Oil 4.0
						
8PC1 10PC1 12PC1	119.0		1-87810-424-3 1-87810-324-4	1-12111-798-0 1-12111-282-3	1-11261-076-0 1-11261-111-0 1-11261-147-2 1-11261-115-0	1-12121-047-0 1-12121-048-0 R17500
(8PC1) 12010cc , CXR 10.75ton(10PC1) 15014cc , (12PC1) 18017cc Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 58mm Liner: Fully Finished.				Length 104.0 Comp. Height 67.5 Pin Dia. 38.0 Length 80.0	Fitting Dia. 133.0 Length 219.25 Flange Dia. 143.7 F/Dep. 10.0 F 1.25	1st 3.0 2nd 2.5 Oil 4.0
						

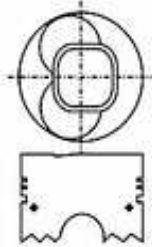
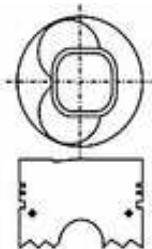
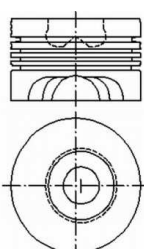
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8PC1T 10PC1T 12PC1T CXM 10.75ton (8PC1-T) 12010cc , Hi-Decker (10PC1-T) 15014cc , (12PC1-T) 18017cc	119.0		1-87811-672-0 1-87810-549-3	1-12111-800-0 1-12111-419-2	1-11261-143-1 1-11261-147-2 1-11261-076-0	1-12121-062-0/cyl. 1-12121-063-0/cyl. R17501
Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 58mm Liner: Fully Finished				Length 104.0 Comp. Height 67.5 Pin Dia. 38.0 Length 80.0	Fitting Dia. 133.0 Length 219.25 Flange Dia. 143.7 F/Dep. 10.0 F 1.25	1st 4.0 2nd 2.5 Oil 4.0
8PD1 10PD1 12PD1 (8PD1) 13741cc , (10PD1) 16683cc , (12PD1) 20019cc	119.0		1-87810-781-2 1-87811-390-0	1-12111-549-3 1-12111-806-0	1-11261-161-1	1-12121-062-0/cyl. 1-12121-063-0/cyl. R17501
Piston with Al-Fin & Tin plated. Rectangle Combustion Chamber 54mm Liner: Fully Finished & Water Jacket Chromed.				Length 106.5 Comp. Height 67.5 Pin Dia. 43.0 Length 80.0	Fitting Dia. 133.0 Length 234.25 Flange Dia. 143.7 F/Dep. 10.0 F 1.25	1st 4.0 2nd 2.5 Oil 4.0
6SD1 ◎Forward CXG23 , 9839cc	120.0	6	1-87810-712-1 1-87811-602-0	1-12111-591-0 1-12111-710-0	1-11261-106-2	1-12121-094-1 R17660
Piston with Al-Fin ,Oil Gallery & Tin plated.Rectangle Combustion Chamber 60mm Liner: Fully Finished ,Phosphated.				Length 117.0 Comp. Height 75.0 Pin Dia. 43.0 Length 89.5	Fitting Dia. 123.0 Length 239.2 Flange Dia. 129.7 F/Dep. 6.0 F 1.2	1st 3.5 2nd 2.5 Oil 5.0
6SD1T ◎Forward CXG23 , 9839cc	120.0	6	1-87810-908-0 1-97911-604-0	1-12111-712-2 1-12111-620-1	1-11261-106-2	1-12121-094-1 R17660
Piston with Al-Fin ,Oil Gallery & Tin plated.Rectangle Combustion Chamber 66mm Liner: Fully Finished ,Phosphated.				Length 117.0 Comp. Height 75.0 Pin Dia. 43.0 Length 89.5	Fitting Dia. 123.0 Length 239.2 Flange Dia. 129.7 F/Dep. 6.0 F 1.2	1st 3.5 2nd 2.5 Oil 5.0

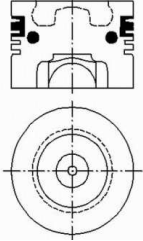
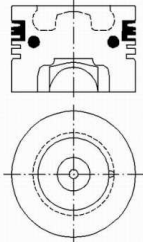
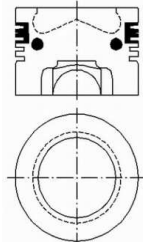
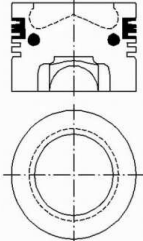
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6SD1T ©Forward CXG23 , 9839cc	120.0	6	1-87811-384-0 1-87810-667-0	1-12111-838-0 1-12111-555-1	1-11261-106-2	1-12121-094-1 R17660
Piston with Al-Fin ,Oil Gallery & Tin plated.Rectangle Combustion Chamber 63mm Liner: Fully Finished ,Phosphated. 				Length 117.0 Comp. Height 75.0 Pin Dia. 43.0 Length 89.5	Fitting Dia. 123.0 Length 239.2 Flange Dia. 129.7 F/Dep. 6.0 F 1.2	1st 3.5 2nd 2.5 Oil 5.0
6SD1TC ©Forward CXG23 , 9839cc	120.0	6	1-87811-612-0	1-12111-913-0 1-12111-973-0	1-11261-106-2	1-12121-119-2 R17655
Piston :Double Al-Fin ,Oil Gallery & Tin plated.Round Combustion Chamber 56mm Liner: 				Length 127.5 Comp. Height 75.0 Pin Dia. 43.0 Length 89.5	Fitting Dia. 123.0 Length 239.2 Flange Dia. 129.7 F/Dep. 6.0 F 1.2	1st 4.0K 2nd 3.0 3rd 3.0 Oil 4.0
6SD1TC ©Forward CXG23 , 9839cc	120.0	6		1-12111-842-0	1-11261-106-2	1-12121-119-2 R17655
Piston :Double Al-Fin ,Oil Gallery & Tin plated.Rectangle Combustion Chamber 66mm Liner: 				Length 127.5 Comp. Height 75.0 Pin Dia. 43.0 Length 89.5	Fitting Dia. 123.0 Length 239.2 Flange Dia. 129.7 F/Dep. 6.0 F 1.2	1st 4.0K 2nd 3.0 3rd 3.0 Oil 4.0
DH100 ©Truck TD70E TD80E TD90E TD141 TP70E TP81 TP81E TP91E ©Bus BC30 BC141 BC151 BC151P BC161 BU05 BU10 BU15 BU20 10179cc	120.0	6	1-87811-608-0 1-87810-028-3	9-12111-742-0 1-12111-862-0	9-11261-241-0 9-11261-270-0	1-12121-016-0 1-12181-001-0 9-12181-083-0 9-12181-086-0 R17810
Piston with Tin plated. Liner: Fully Finished 				Length 150.8 Comp. Height 77.8 Pin Dia. 45.0 Length 97.5	Fitting Dia. 135.0 Length 280.0 Flange Dia. 140.7 F/Dep. 11.0 F	1st 3.0 2nd 3.0 3rd 3.0 Oil 6.0

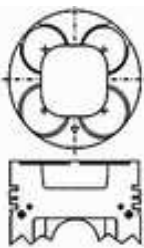
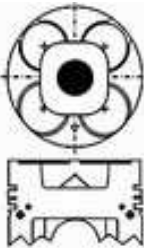
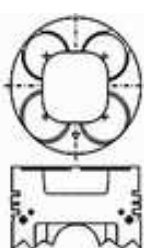
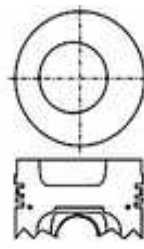
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6QA1 ©Truck Bus TDJ50,TDJ72,TDJ78,CVR14,SJR361,DJR530,CJM470 , 11044cc	125.0	6	1-87810-378-0	1-12111-388-1	1-11261-091-0 1-11261-094-1 1-11261-074-0 1-11261-061-1 1-11261-261-1	1-12121-028 1-12121-046 R17190
Piston with Al-Fin & Tin plated. Rectangle Combustion Chmaber 65mm Liner: Fully Finished ,Chromed & Water Jacket Chromed			Length 136.0 Comp. Height 83.2 Pin Dia. 46.0 Length 106.0	Fitting Dia. 140.0 Length 282.0 Flange Dia. 146.7 F/Dep. 11.0 F 2.0	1st 3.0 2nd 2.5 Oil 6.0	
6QA1 ©TDJ50,TDJ72,TDJ78,CVR14,SJR361,DJR530,CJM470 , 11044cc	125.0	6	1-87810-655-1	1-12111-388-1	1-11261-160-0	1-12121-028 1-12121-046 R17190
Piston with Al-Fin & Tin plated. Rectangle Combustion Chmaber 65mm Liner: Fully Finished ,Chromed & Water Jacket Chromed			Length 136.0 Comp. Height 83.2 -25.6 -1.1 -1.0 Pin Dia. 46.0 Length 106.0	Fitting Dia. 140.0 Length 257.0 Flange Dia. 146.9 F/Dep. 11.0 F 2.0	1st 3.0 2nd 2.5 Oil 6.0	
10PE1	127.0	10	1-87811-807-0	1-12111-777-0 1-12111-676-0 1-12111-926-0	1-11261-286-0 1-11261-175-0	1-12121-129-1 YDI10-164ZZ
Piston:Al-fin.Round combustion Chamber 66mm. Liner:			Length 106.55 Comp. Height 67.68 Pin Dia. 43.0 Length 80.0	Fitting Dia. 130.5 Length 233.0 Flange Dia. 136.5 F/Dep. 6.0 F	1st 3.806K 2nd 3.0 3rd 3.0 Oil 4.0	
10PE1	127.0	10	1-87811-184-0	1-12111-678-0 1-12111-813-0 1-12111-939-1	1-11261-286-0 1-11261-175-0	1-12121-129-1 YDI10-164ZZ
Piston:Al-fin.Square combustion Chamber 56mm. Liner:			Length 106.55 Comp. Height 67.68 Pin Dia. 43.0 Length 80.0	Fitting Dia. 130.5 Length 233.0 Flange Dia. 136.5 F/Dep. 6.0 F	1st 3.806K 2nd 3.0 3rd 3.0 Oil 4.0	

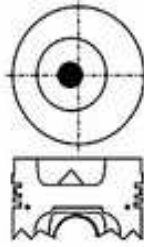
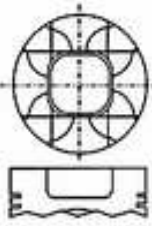
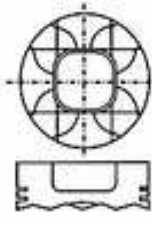
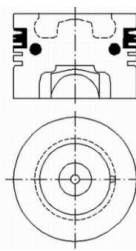
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6WA1	132.9	6	1-87811-839-2	1-12111-896-0	1-11261-362-0 1-11261-296-0	1-12121-139-0 1-12121-141-0 SDI10-174ZZ
Piston :Double Al-Fin ,Oil Gallery & Tin plated Round Combustion Chamber 70mm Liner: 				Length 143.0 Comp. Height 93.0 Pin Dia. 56.0 Length 105.0	Fitting Dia. 137.0 Length 266.0 Flange Dia. 143.7 F/Dep. 6.0 F	1st 3.806K 2nd 3.0 3rd 3.0 Oil 4.0
6WA1	132.9	6	1-87811-839-2	1-12111-907-1	1-11261-362-0 1-11261-296-0	1-12121-139-0 1-12121-141-0 SDI10-174ZZ
Piston :Double Al-Fin ,Oil Gallery & Tin plated Round Combustion Chamber 70mm Liner: 				Length 143.0 Comp. Height 93.0 Pin Dia. 56.0 Length 105.0	Fitting Dia. 137.0 Length 266.0 Flange Dia. 143.7 F/Dep. 6.0 F	1st 3.806K 2nd 3.0 3rd 3.0 Oil 4.0
6WA1	132.9	6		1-12111-665-1	1-11261-116-0	1-12121-127-1 1-12121-117-1 SDI10-158ZZ
Piston :Double Al-Fin ,Oil Gallery & Tin plated Round Combustion Chamber 79mm Liner: 				Length 143.0 Comp. Height 93.0 Pin Dia. 56.0 Length 105.0	Fitting Dia. 137.0 Length 266.0 Flange Dia. 143.7 F/Dep. 6.0 F 1.2	1st 4.306K 2nd 3.0 3rd 3.0 Oil 4.0
6WA1	132.9	6		1-12111-671-0	1-11261-116-0	1-12121-127-1 1-12121-117-1 SDI10-158ZZ
Piston :Double Al-Fin ,Oil Gallery & Tin plated Round Combustion Chamber 70mm Liner: 				Length 143.0 Comp. Height 93.0 Pin Dia. 56.0 Length 105.0	Fitting Dia. 137.0 Length 266.0 Flange Dia. 143.7 F/Dep. 6.0 F 1.2	1st 4.306K 2nd 3.0 3rd 3.0 Oil 4.0

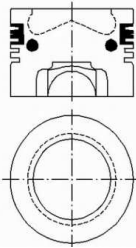
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6RA1T ©Truck SHM CXM 10.5ton , 12023cc	135.0	6	1-87811-415-0	1-12111-481-0 1-12111-482-0 1-12111-824-0	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1	1-12121-037-0 1-12121-040-0 R17230
Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 67mm Liner: Fully Finished ,Phosphated .				Length 150.2 Comp. Height -27.0 Pin Dia. 50.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.0 2nd 2.5 Oil 5.0
6RB1 239HP ©Truck SBM CXM 10.5ton , 13741cc	135.0	6	1-87811-391-1	1-12111-820-0 1-12111-560-2	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1 1-11261-290-0	1-12121-037-0 1-12121-040-0 R17230
Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 69mm Liner: Fully Finished ,Phosphated.				Length 143.2 Comp. Height 82.2 Pin Dia. 50.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.0 2nd 2.5 Oil 5.0
6RB1 275HP ©Truck SBM CXM 10.5ton , 13741cc	135.0	6	1-87811-462-0 1-87810-133-0	1-12111-873-0 1-12111-437-1 1-12111-245-0	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1 1-11261-290-0	1-12121-037-0 1-12121-040-0 R17230
Piston with Al-Fin & Tin plated.Rectangle Combustion Chamber 69mm Liner: Fully Finished ,Phosphated.				Length 143.2 Comp. Height 82.2 Pin Dia. 50.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.0 2nd 2.5 Oil 5.0
6RB1T ©CXM 10.5ton L320PS , 13741cc	135.0	6	1-87811-586-0	1-12111-821-0 1-12111-632-0 1-12111-516-0	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1 1-11261-290-0	1-12121-073-0 SDI10-117ZZ
Piston with Al-Fin ,Oil Gallery & Tin plated.Round Combustion Chamber 78mm Liner: Fully Finished ,Phosphated.				Length 137.15 Comp. Height 82.15 Pin Dia. 52.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.0 2nd 2.5 Oil 4.0

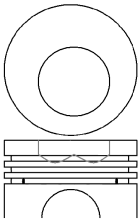
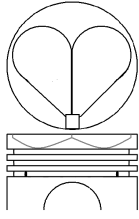
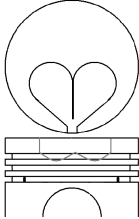
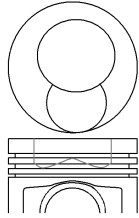
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6RB1TC 135.0 6 1-87811-237-0 ©CXM 10.5ton L320PS , 13741cc				1-12111-708-0 1-12111-648-0	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1 1-11261-290-0	1-12121-073-0 SDI10-117ZZ
Piston with Al-Fin ,Oil Gallery & Tin plated.Round Combustion Chamber 78mm Liner: Fully Finished ,Phosphated.				Length 137.15 Comp. Height 82.15 Pin Dia. 52.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.5 2nd 2.5 Oil 4.0
E120 135.0 6 1-87811-674-0 1-87810-513-0 ©Truck VPR290 TDK46 SPM701 ©Bus 30KP 35KP BU4K 12023cc				1-12111-818-0 1-12111-523-0	1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1 1-11261-290-0	1-12121-015-0 1-12121-034-0 1-12181-022-0 1-12181-024-0 R17050
Piston : With Al-Fin & Tin plated.Rectangle Combustion Chamber 67mm Liner : O.D. with copper plated & Fully Finished.				Length 150.2 Comp. Height 89.0 Pin Dia. 50.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 4.0 2nd 2.5 Oil 7.0
E120T 135.0 6 1-87811-525-0 1-87810-517-0 ©Truck VPR290 TDK46 SPM701 ©Bus 30KP 35KP BU4K 12023cc				1-12111-817-0 1-12111-525-0	9-11261-290-0	9-12181-149-0 1-12121-023-0 9-12181-144-0 9-12181-144-1 R17890
Piston : Tin plated. Rectangle Combustion Chamber 66mm Liner : O.D. with copper plated & Fully Finished.				Length 150.2 Comp. Height 89.0 Pin Dia. 50.0 Length 105.0	Fitting Dia. 141.0 Length 264.0 Flange Dia. 146.7 F/Dep. 6.0 F	1st 3.75K 2nd 2.5 3rd 2.5 Oil 7.0
6WF1 147.0 6 1-87811-769-0				1-12111-999-1	1-11261-379-2 1-11261-380-0	
Piston :Double Al-Fin ,Oil Gallery & Tin plated Round Combustion Chamber 84mm Liner:				Length 142.9 Comp. Height 88.4 Pin Dia. 56.0 Length 104.0	Fitting Dia. 151.5 Length 267.0 Flange Dia. 158.5 F/Dep. 6.0 F	1st 2.948K 2nd 2.5 3rd 3.0 Oil 4.0

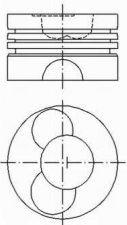
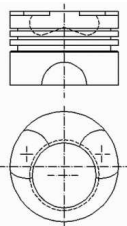
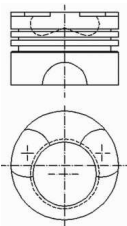
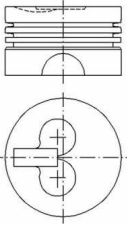
Liner Kit for **ISUZU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6WG1 ©GIGA Aero Tractor 15681cc	147.0	6	1-87811-667-0	1-12111-937-0	1-11261-379-2 1-11261-380-0	
Piston :Double Al-Fin ,Oil Gallery & Tin platedRound Combustion Chamber 86mm Liner: 				Length 142.5 Comp. Height 88.0 Pin Dia. 56.0 Length 104.0	Fitting Dia. 151.5 Length 267.0 Flange Dia. 158.5 F/Dep. 6.0 F	1st 2.948K 2nd 2.5 3rd 3.0 Oil 4.0
6WG1 ©GIGA Aero Tractor 15681cc	147.0	6	1-87812773-0	1-12111-964-2	1-11261-379-2 1-11261-380-0	
Piston :Double Al-Fin ,Oil Gallery & Tin platedRound Combustion Chamber 65mm Liner:				Length 142.8 Comp. Height 88.0 Pin Dia. 56.0 Length 104.0	Fitting Dia. 151.5 Length 267.0 Flange Dia. 158.5 F/Dep. 6.0 F	1st 3.806K 2nd 3.0 3rd 3.0 Oil 4.0

Liner Kit for **KOMATSU** engines

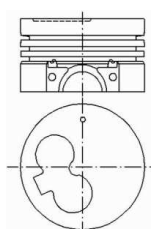
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D92	92.0	4	KMKT4011130	6140-31-2113	6140-21-2211	6140-31-2040 6141-31-2020
Piston :Round Combustion Chamber 47mm Liner : 				Length 99.0 Comp. Height 59.0 Pin Dia. 32.0 Length 74.0	Fitting Dia. 106.0 Length 185.0 Flange Dia. 115.0 F/Dep. 10.0 F 1.0	1st 2.868K 2nd 3.0 Oil 6.0
4D94	94	4	KMKT4211110	6142-32-2111	6144-21-2211	6142-32-2020 6142-32-2030 (cyl) R18410
Piston : Liner : 				Length 99.3 Comp. Height 55.3 Pin Dia. 32.0 Length 74.0	Fitting Dia. 108.0 Length 181.0 Flange Dia. 117.0 F/Dep. 10.0 F 1.0	1st 2.9 2nd 2.5 Oil 5.0
4D94	94	4	KMKT4221100	6142-32-2110	6144-21-2211	6142-32-2020 6142-32-2030 (cyl) R18410
Piston : Liner : 				Length 99.3 Comp. Height 55.3 Pin Dia. 32.0 Length 74.0	Fitting Dia. 108.0 Length 181.0 Flange Dia. 117.0 F/Dep. 10.0 F 1.0	1st 2.9 2nd 2.5 Oil 5.0
4D94	94	4	KMKT4221200	6142-32-2120	6144-21-2211	6142-32-2020 6142-32-2030 (cyl) R18410
Piston : Liner : 				Length 99.3 Comp. Height 55.3 Pin Dia. 32.0 Length 74.0	Fitting Dia. 108.0 Length 181.0 Flange Dia. 117.0 F/Dep. 10.0 F 1.0	1st 2.9 2nd 2.5 Oil 5.0

Liner Kit for **KOMATSU** engines

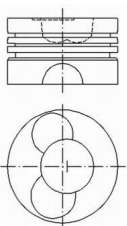
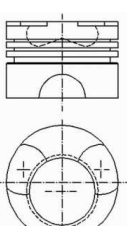
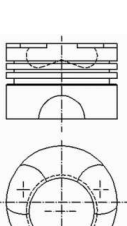
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D95 ©Crawler Dozer:D20	95.0	4	KMKT0211600	6202-33-2160 6204-32-2111 6202-32-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
Piston : Al-fin.Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated . 				Length 104.3 Comp. Height 61.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95 ©[4D95] Excavator PC60-6 3260cc ©[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc	95.0	4	KMKT0421210	6204-31-2121 6204-31-2111	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
Piston : Al-fin.Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 54.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95 ©[4D95] Excavator PC60-6 3260cc ©[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc	95.0	4	KMKT0631400	6206-33-2140	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
Piston : Al-fin.Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . 				Length 94.3 Comp. Height 51.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95 ©Crawler Dozer:D20	95.0	4	KMKT0211400	6202-32-2140 6201-32-2121	6207-21-2110 6207-21-2120	6202-32-2202 (cyl) R18571
Piston : Al-fin. Liner : Fully-Finished & Phosphated . 				Length 104.1 Comp. Height 61.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.0 Oil 4.0

Liner Kit for **KOMATSU** engines

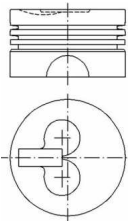
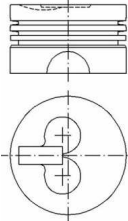
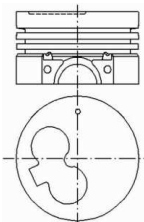
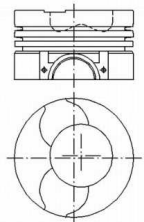
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D95	95.0	4	KMKT0411900	6204-31-2190	6207-21-2110 6207-21-2120	
Piston : Round combustion Chamber 50mm. Liner : Fully-Finished & Phosphated .				Length 83.8 Comp. Height 50.9 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95	95.0	4	KMKT0511700	6205-31-2170	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
Piston : Round combustion Chamber 48mm. Liner : Fully-Finished & Phosphated .				Length 84.3 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95	95.0	4		6205-31-2141	6207-21-2110 6207-21-2120	6202-32-2202 (cyl) R18572
Piston : Round combustion Chamber 45mm. Liner : Fully-Finished & Phosphated .				Length 84.3 Comp. Height 51.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
4D95L	95.0	4	KMKT0411610	6204-32-2161 6202-32-2120	6207-21-2110 6207-21-2120	6202-32-2202 (cyl) R18572
©Wheel Loader:WA70-1						
Piston : Al-fin. Liner : Fully-Finished & Phosphated .				Length 94.1 Comp. Height 51.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.0 Oil 4.0



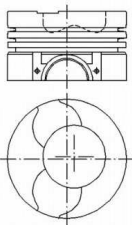
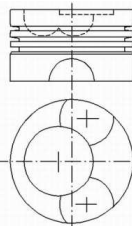
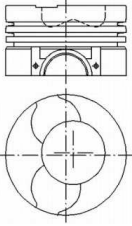
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D95	95.0	4	KMKT0811100	6208-31-2110	6207-21-2110 6207-21-2120	
©Crawler Dozer:D20						
Piston :Al-fin.Round combustion Chamber 50mm. Liner : Fully-Finished & Phosphated .				Length 83.7 Comp. Height 50.7 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5K 2nd 2.0 Oil 4.0
6D95	95.0	6	KMKT0211600	6202-33-2160 6204-32-2111 6202-32-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
©Crawler Dozer:D20						
Piston : Al-fin.Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated . 				Length 104.3 Comp. Height 61.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
6D95	95.0	6	KMKT0421210	6204-31-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
©[4D95] Excavator PC60-6 3260cc ©[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc						
Piston : Al-fin.Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 54.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
6D95	95.0	6	KMKT0631400	6206-33-2140	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
©[4D95] Excavator PC60-6 3260cc ©[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc						
Piston : Al-fin.Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . 				Length 94.3 Comp. Height 51.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0

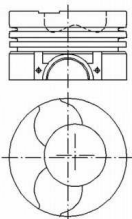
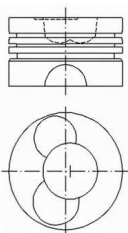
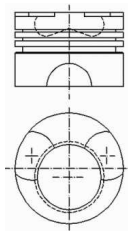
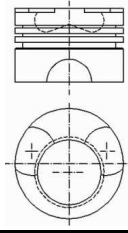
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D95 ©Crawler Dozer:D20	95.0	6	KMKT0211400	6202-32-2140 6201-32-2121	6207-21-2110 6207-21-2120	6202-32-2300 (cyl) R18571
Piston : Al-fin. Liner : Fully-Finished & Phosphated . 				Length 104.1 Comp. Height 61.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.2 Oil 4.0
6D95 ©Crawler Dozer:D20	95.0	6	KMKT0411900	6204-31-2190	6207-21-2110 6207-21-2120	
Piston : Al-fin.Round combustion Chamber 50mm. Liner : Fully-Finished & Phosphated . 				Length 83.8 Comp. Height 50.9 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
6D95 ©Wheel Loader:WA70-1	95.0	6	KMKT0411610	6204-32-2161 6202-32-2120	6207-21-2110 6207-21-2120	6202-32-2202 (cyl) R18572
Piston : Al-fin. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 51.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.0 Oil 4.0
6D95 ©Crawler Dozer:D20	95.0	6	KMKT0811100	6208-31-2110	6207-21-2110 6207-21-2120	
Piston :Al-fin.Round combustion Chamber 50mm. Liner : Fully-Finished & Phosphated . 				Length 83.7 Comp. Height 50.7 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5K 2nd 2.0 Oil 4.0

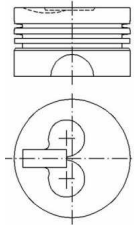
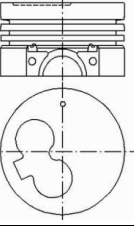
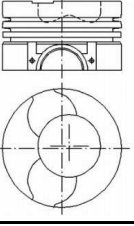
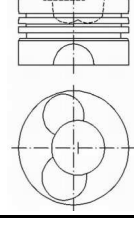
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D95-5 S6D95L-1 ◎Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc	95.0	6	KMKT0711410	6207-31-2141	6207-21-2110 6207-21-2120	6207-31-2500 SDK01-018ZZ
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2H Oil 4.0
S6D95-6 S6D95L-1MM ◎Excavator PC200-6◎Wheel Loader WA180-1 4890cc	95.0	6	KMKT0711800	6207-31-2180	6207-21-2110 6207-21-2120	6209-31-2400 SDK04-023ZZ
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2K Oil 4.0
S6D95L-1 ◎Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc	95.0	6	KMKT0711200	6207-31-2120	6207-21-2110 6207-21-2120	6207-31-2500 SDK01-018ZZ
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 51.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.0 Oil 4.0
S6D95 ◎Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc	95.0	6	KMKT0711210	6207-31-3131	6207-21-2110 6207-21-2120	6207-31-2500 SDK01-018ZZ
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated .				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2H Oil 4.0

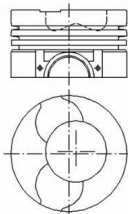
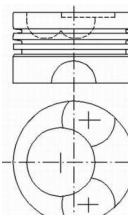
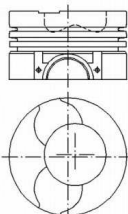
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D95	95.0	6	KMKT0911410	6209-31-2141	6207-21-2110 6207-21-2120	6209-31-2400 SDK04-023ZZ
◎Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc						
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated .				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2K Oil 4.0
						
4D95	95.5	4	KMKT0211600	6202-38-2160 6204-38-2111 6202-38-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
◎Crawler Dozer:D20						
Piston : Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated .				Length 104.3 Comp. Height 61.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
						
4D95 6D95	95.5	4 6		6204-38-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
◎[4D95] Excavator PC60-6 3260cc ◎[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc						
Piston : Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated .				Length 94.1 Comp. Height 54.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
						
4D95 6D95	95.5	4 6	KMKT0631400	6206-38-2140	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
◎[4D95] Excavator PC60-6 3260cc ◎[6D95] Excavator PC120-3,Bull-Dozer D31E,S-18 ,D31P,S-20 4890cc						
Piston : Al-fin.Round combustion Chamber 54mm. Liner : Fully-Finished & Phosphated .				Length 94.3 Comp. Height 51.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0
						

Liner Kit for **KOMATSU** engines

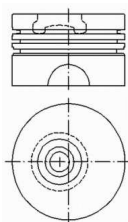
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D95 6D95	95.5	4		6202-38-2140 6201-38-2121	6207-21-2110 6207-21-2120	
©Crawler Dozer:D20						
Piston : Al-fin. Liner : Fully-Finished & Phosphated . 				Length 104.1 Comp. Height 61.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.0 Oil 4.0
4D95 6D94	95.5	4 6		6204-38-2161 6202-38-2120	6207-21-2110 6207-21-2120	6202-32-2202 (cyl) R18572
©Wheel Loader:WA70-1						
Piston : Al-fin. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 51.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.2H 2nd 2.0 Oil 4.0
4D95 6D95	95.5	4 6		6208-38-2110	6207-21-2110 6207-21-2120	
©Crawler Dozer:D20						
Piston :Al-fin.Round combustion Chamber 50mm. Liner : Fully-Finished & Phosphated . 				Length 83.7 Comp. Height 50.7 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5K 2nd 2.0 Oil 4.0
6D95	95.5	6	KMKT0211600	6202-38-2160 6204-38-2111 6202-38-2121	6207-21-2110 6207-21-2120	6204-31-2202 6204-31-2201 (cyl) R18241
©Crawler Dozer:D20						
Piston : Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated . 				Length 104.3 Comp. Height 61.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.0 2nd 2.0 Oil 4.0

Liner Kit for **KOMATSU** engines

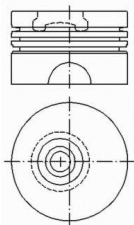
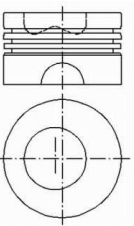
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D95-5 S6D95L-1	95.5	6	KMKT0711410	6207-38-2141 6207-38-2121	6207-21-2110 6207-21-2120	6207-31-2500 SDK01-018ZZ
©Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc						
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2H Oil 4.0
S6D95-6 S6D95L-1MM	95.5	6	KMKT0711800	6207-38-2180 6209-38-2141	6207-21-2110 6207-21-2120	6209-31-2400 SDK04-023ZZ
©Excavator PC200-6©Wheel Loader WA180-1 4890cc						
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.2 Comp. Height 51.2 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.2K Oil 4.0
S6D95L-1	95.5	6	KMKT0711200	6207-38-2120	6207-21-2110 6207-21-2120	6207-31-2500 SDK01-018ZZ
©Excavator PC150-5 & PC150LC-5,PC200-5C,PC200-5& PC200LC-5,PC200-5T,PC200-5Z 4890cc						
S=Turbo Charge Piston : Al-fin.Round combustion Chamber 56mm. Liner : Fully-Finished & Phosphated . 				Length 94.1 Comp. Height 51.1 Pin Dia. 30.0 Length 74.0	Fitting Dia. 98.0 Length 180.0 Flange Dia. 104.0 F/Dep. 4.0 F	1st 2.5 K 2nd 2.0 Oil 4.0
4BT	102.0	4		S6050	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. 4.0 F	1st 2.875K 2nd 2.37 Oil 4.0

Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4BT	102.0	4		S6153	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 60.8mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
4BT	102.0	4		S8465	6736-29-2110	
Piston : Double Al-fin.Round combustion Chamber 61mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.875K Oil 4.0
4BT	102.0	4		S1888	6736-29-2110	6738-31-2030 R42815
Piston : Al-fin.Round combustion Chamber 63.8mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
S4D102E-1 S6D102E-1AA SA6D102E-1AB ◎Excavator PC210-6◎Bull-Dozer D41E-6,D41P-6 5900 cc	102.0	4 6	KMKT3511100	6735-31-2110 6735-31-2111 6733-31-2110 6735-31-2140	6736-29-2110	6738-31-2030 R42815
S=Turbo Charge , A=After Cooled Piston : Al-fin.Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated . Pin#6731-31-2410				Length 105.1 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0



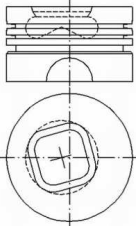
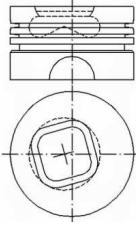
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D102	102.0	4 6	KMKT3811100	6738-31-2110 6738-31-2111	6736-29-2110	6738-31-2030 R42815
◎Excavator PC210-6◎Bull-Dozer D41E-6,D41P-6 5900 cc S=Turbo Charge , A=After Cooled Piston : Al-fin.Round combustion Chamber 51mm. Liner : Fully-Finished & Phosphated . Pin:6731-31-2410				Length 105.1 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
						
6BT	102.0	6	KMKT3907163 3802160	3907163	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
6BT	102.0	6	KMKT3907156 3802100	3907156	6736-29-2110	
Piston : Al-fin.Round combustion Chamber 63mm. Liner : Fully-Finished & Phosphated .				Length 105.3 Comp. Height 71.6 Pin Dia. 40.0 Length 83.0	Fitting Dia. 104.5 Length 200.0 Flange Dia. #100 F/Dep. F	1st 2.875K 2nd 2.37 Oil 4.0
4D105-1	105.0	4	KMKT3021100	6130-31-2111	6130-22-2310	6130-32-2202 6130-31-2202 6130-32-2301/cyl. R18090
◎Bull-Dozer:D40/45A,P,S-1 4330cc				Length 120.0 Comp. Height 74.0 Pin Dia. 38.0 Length 88.0	Fitting Dia. 118.0 Length 223.0 Flange Dia. 125.5 F/Dep. 10.0 F 1.0	1st 3.0K 2nd 2.5 Oil 5.0
						

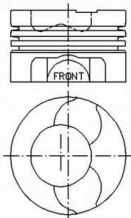
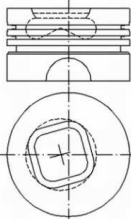
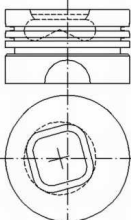
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (mm)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D105 ©Bull-Dozer:D40/45A,P,S-1	105.0	4	KMKT3021100	6130-32-2110	6130-21-2213 6130-22-2213	6130-32-2202 6130-31-2202 6130-32-2301/cyl. R18090
Piston : Round combustion Chamber 61mm. Liner : Fully-Finished & Phosphated .				Length 107.5 Comp. Height 69.0 Pin Dia. 38.0 Length 88.0	Fitting Dia. 118.0 Length 228.0 Flange Dia. 125.5 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0
4D105 ©Bull-Dozer:D40/45A,P,S-1	105.0	4	KODKT1701	6131-32-2120	6130-21-2213 6130-22-2213	
Piston : Al-fin.Round combustion Chamber 61mm. Liner : Fully-Finished & Phosphated .				Length 107.5 Comp. Height 69.0 Pin Dia. 38.0 Length 88.0	Fitting Dia. 118.0 Length 228.0 Flange Dia. 125.5 F/Dep. 10.0 F 1.0	1st 3.0K 2nd 2.5 Oil 5.0
4D105-5 ©Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1© Excavators:PC150-1,PC150LC-1,PC200-1,PC200-2,PC200LC-2© Graders:GD405A-1,GD505A-2 6490cc	105.0	4	KODKT2001	6136-31-2110 6136-32-2120	6137-21-2210 6136-21-2210	6136-31-2030/cyl. 6136-31-2010
Piston : Al-fin.Round combustion Chamber 58mm. Liner : Fully-Finished & Phosphated				Length 107.5 Comp. Height 69.0 Pin Dia. 40.0 Length 83.0	Fitting Dia. 118.7 Length 223.0 Flange Dia. 127.0 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0
6D105 ©Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1© Excavators:PC150-1,PC150LC-1,PC200-1,PC200-2,PC200LC-2© Graders:GD405A-1,GD505A-2 6490cc	105.0	6	KMKT3621200	6136-31-2110 6136-32-2120	6137-21-2210 6136-21-2210	6136-31-2030/cyl. 6136-31-2010
Piston : Round combustion Chamber 58mm. Liner : Fully-Finished & Phosphated				Length 107.5 Comp. Height 69.0 Pin Dia. 40.0 Length 83.0	Fitting Dia. 118.7 Length 223.0 Flange Dia. 127.0 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0

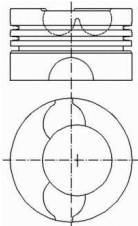
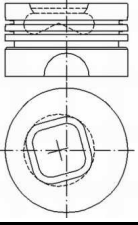
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D105 ©Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1© Excavators:PC150-1,PC150LC-1,PC200-1,PC200-2,PC200LC-2© Graders:GD405A-1,GD505A-2 6490cc	105.0	6	KODKT2101	6136-32-2110	6137-21-2210 6136-21-2210	6136-31-2030/cyl. 6136-31-2010
Piston : Round combustion Chamber 58mm. Liner : Fully-Finished & Phosphated				Length 107.5 Comp. Height 69.0 Pin Dia. 40.0 Length 83.0	Fitting Dia. 118.7 Length 223.0 Flange Dia. 127.0 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0
4D105-5 ©Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1© Excavators:PC150-1,PC150LC-1,PC200-1,PC200-2,PC200LC-2© Graders:GD405A-1,GD505A-2 6490cc	105.0	4	KODKT0801	6136-31-2112 6136-31-2010	6130-22-2310	6136-31-2030/cyl. 6136-31-2010
Piston : Al-fin.Rectangle combustion Chamber 49mm. Liner : Fully-Finished & Phosphated . 				Length 107.5 Comp. Height 69.0 Pin Dia. 40.0 Length 83.0	Fitting Dia. 118.0 Length 223.0 Flange Dia. 125.5 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0
6D105 ©Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1© Excavators:PC150-1,PC150LC-1,PC200-1,PC200-2,PC200LC-2© Graders:GD405A-1,GD505A-2 6490cc	105.0	6	KODKT1301	6136-31-2112 6136-31-2010	6137-21-2210 6136-21-2210	6136-31-2030/cyl. 6136-31-2010
Piston : Al-fin.Rectangle combustion Chamber 49mm. Liner : Fully-Finished & Phosphated . 				Length 107.5 Comp. Height 69.0 Pin Dia. 40.0 Length 83.0	Fitting Dia. 118.7 Length 223.0 Flange Dia. 127.0 F/Dep. 10.0 F 1.0	1st 3.0 2nd 2.5 Oil 5.0
S6D105 ©Excavators:PC220-2 ,PC220LC-2 ©Graders:GD505A-2 6490cc	105.0	6	KMKT3721100	6137-32-2110 6137-32-2010	6137-21-2210 6136-21-2210	6137-31-2040
S=Turbo Charge Piston : Al-fin. Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated .				Length 107.6 Comp. Height 69.1 Pin Dia. 40.0 Length 85.0	Fitting Dia. 118.7 Length 223.0 Flange Dia. 127.0 F/Dep. 10.0 F 1.0	1st 3.0K 2nd 2.5H Oil 5.0

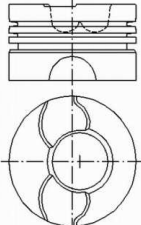
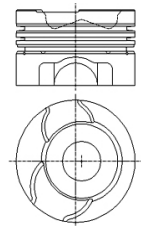
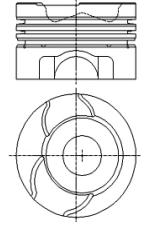
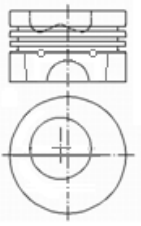
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6D105	105.0	6	KODKT1801	6137-32-2130		6137-21-2210 6136-21-2210		6137-31-2040	
S=Turbo Charge Piston : Al-fin. Round combustion Chamber 59mm. Liner : Fully-Finished & Phosphated . 				Length	107.7	Fitting Dia.	118.7	1st	3.0K
				Comp. Height	69.2	Length	223.0	2nd	2.5H
				Pin Dia.	40.0	Flange Dia.	127.0	Oil	5.0
				Length	85.0	F/Dep.	10.0		
						F	1.0		
S6D105	105.0	6	KMKT3710200	6137-31-2020 6137-31-2120 6137-31-2110		6137-21-2210 6136-21-2210		6137-31-2040	
S=Turbo Charge Piston : Al-fin. Rectangle combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . 				Length	107.5	Fitting Dia.	118.7	1st	3.0K
				Comp. Height	69.0	Length	223.0	2nd	2.5H
				Pin Dia.	40.0	Flange Dia.	127.0	Oil	5.0
				Length	85.0	F/Dep.	10.0		
						F	1.0		
S6D105	105.0	6	KMKT3720120	6137-31-2012 6137-31-2112		6137-21-2210 6136-21-2210		6137-31-2040	
S=Turbo Charge Piston : Al-fin. Rectangle combustion Chamber 52mm. Liner : Fully-Finished & Phosphated . 				Length	107.5	Fitting Dia.	118.7	1st	3.0K
				Comp. Height	69.0	Length	223.0	2nd	2.5H
				Pin Dia.	40.0	Flange Dia.	127.0	Oil	5.0
				Length	85.0	F/Dep.	10.0		
						F	1.0		
4D106	106.0	4							
Piston : Al-fin. Round combustion Chamber 60mm. Liner :				Length	111.2	Fitting Dia.	109.5	1st	2.5H
				Comp. Height	61.2	Length	206.0	2nd	2.0
				Pin Dia.	37.0	Flange Dia.	#140	Oil	3.0
				Length	83.5	F/Dep.			
						F			

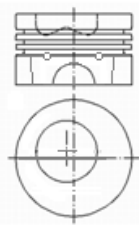
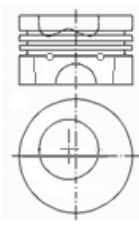
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D107	107.0	4	KMKT5411110	6754-31-2111 6754-31-2110	6754-21-1320	
Piston : Al-fin. Round combustion Chamber 78mm. Liner :				Length 103.2 Comp. Height 69.4 Pin Dia. 40.0 Length 91	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.86K 2nd 2.6 Oil 3.7
S6D108-1 SA6D108-1	108.0	6	KMKT2211100	6222-31-2110	6222-21-2110 6222-23-2231 6222-23-2221	6221-31-2200 R18990
◎Bull Dozer: D57S 1B◎Excavator:PC300-5 S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 66mm Liner : 				Length 114.0 Comp. Height 67.5 Pin Dia. 45.0 Length 85.0	Fitting Dia. 111.5 Length 219.5 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 2.5K 2nd 2.53K Oil 4.0
SAA6D108	108.0	6	KMKT2231100	6222-33-2110	6222-21-2110 6222-23-2231 6222-23-2221	6221-31-2200 R18990
Piston : Al-fin.OIL GALLERY.Round Combustion Chamber 51mm Liner :				Length 113.8 Comp. Height 66.7 Pin Dia. 45.0 Length 85.0	Fitting Dia. 111.5 Length 219.5 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 2.5K 2nd 2.53K Oil 4.0
S6D110	110.0	6	KMKT3811100	6138-31-2110 6138-31-2010	6138-21-2211	6138-32-2200 R18180
◎Wheel Loader:WA380-1,WA400/420-1 S=Turbo Charge Piston : Al-fin. Rectangle Combustion Chamber 62mm Liner : Phosphated 				Length 116.0 Comp. Height 69.0 Pin Dia. 40.0 Length 90.0	Fitting Dia. 115.0 Length 225.0 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 3.0K 2nd 2.5H Oil 5.0

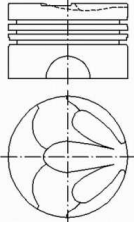
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D110	110.0	6	KMKT3821100	6138-32-2110 6138-32-2010	6138-21-2211	6138-32-2200 R18180
©Wheel Loader:WA380-1,WA400/420-1						
S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 62mm Liner : Phosphated				Length 116.2 Comp. Height 69.2 Pin Dia. 40.0 Length 90.0	Fitting Dia. 115.0 Length 225.0 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 3.0K 2nd 2.5H Oil 5.0
						
S6D110	110.0	6	KMKT3821200	6138-32-2120 6138-32-2020	6138-21-2211	6138-32-2200 R18180
©Wheel Loader:WA380-1,WA400/420-1						
S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 66mm Liner : Phosphated				Length 116.2 Comp. Height 69.2 Pin Dia. 40.0 Length 90.0	Fitting Dia. 115.0 Length 225.0 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 3.0K 2nd 2.5H Oil 5.0
						
S6D110	110.0	6	KMKT3823200	6138-32-2320 6138-32-2040	6138-21-2211	6138-32-2200 R18180
©Wheel Loader:WA380-1,WA400/420-1						
S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 66mm Liner : Phosphated				Length 116.2 Comp. Height 69.2 Pin Dia. 40.0 Length 90.0	Fitting Dia. 115.0 Length 225.0 Flange Dia. 120.0 F/Dep. 5.0 F 1.0	1st 3.0K 2nd 2.5H Oil 5.0
						
S6D114-7	114	6	KMKT4321100	6743-31-2110	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 55mm Liner :				Length 120.5 Comp. Height 79.0 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 235.2 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
						

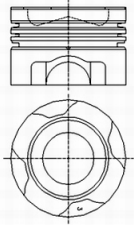
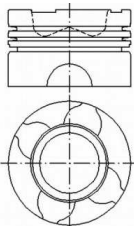
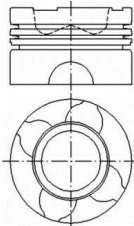
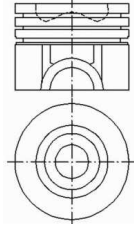
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D114-6	114	6	KMKT3929161	1304902	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner : 				Length 120.5 Comp. Height 79.0 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 235.2 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
S6D114-5	114	6	KMKT3923164	6742-01-5067 1295693 3923164	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner : 				Length 120.5 Comp. Height 79.0 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 235.2 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 235.2 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 133.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0

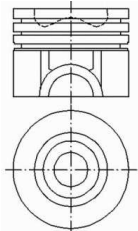
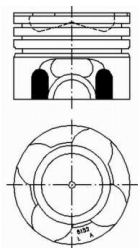
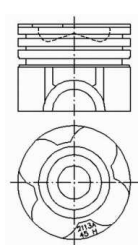
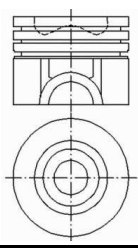
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6CT	114.0	6	KMKT3923165	3923165	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 66mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
6CT	114.0	6	KMKT3923163	3923163	6742-01-5159	
Piston :Al-fin.Round Combustion Chamber 63mm Liner :				Length 120.3 Comp. Height 78.8 Pin Dia. 45.0 Length 91.0	Fitting Dia. 123.0 Length 238.3 Flange Dia. 131.0 F/Dep. 15.0 F 1.1	1st 3.27K 2nd 2.8K Oil 4.0
4D120	120.0	4	KODKT0201	6110-33-2132	6110-21-2212 6110-21-2210	6110-30-2303 6110-30-2403/cyl. 6110-30-2302 6110-30-2402/cyl. R18900
©Bull-Dozer:D55S-3 7240cc						
Piston : AL/FIN Liner :				Length 135.0 Comp. Height 90.0 Pin Dia. 44.0 Length 102.0	Fitting Dia. 140.0 Length 293.0 Flange Dia. 150.0 F/Dep. 13.0 F 1.0	1st 3.5 2nd 2.5 Oil 5.5
						
S4D120	120.0	4	KMKT1311100	6113-31-2110	6110-21-2212 6110-21-2210	6110-30-2303 6110-30-2403/cyl. 6110-30-2302 6110-30-2402/cyl. R18900
©Bull-Dozer:D55S-3 7240cc						
Piston : AL/FIN Liner :				Length 135.0 Comp. Height 90.0 Pin Dia. 44.0 Length 102.0	Fitting Dia. 140.0 Length 293.0 Flange Dia. 150.0 F/Dep. 13.0 F 1.0	1st 3.5 2nd 2.5 Oil 5.5

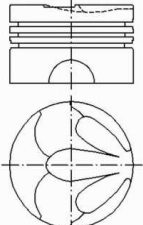
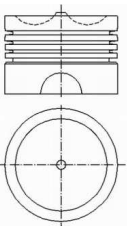
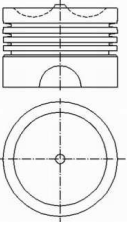
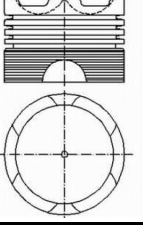
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D125	125.0	6	KMKT5021110	6150-31-2112 6150-31-2012	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
◎Bull Dozer : D75A-1/S5 , D65EX/PX-12, D83,D85 ◎Excavator : PC300 Piston :Al-fin.Round Combustion Chamber 70mm Liner : AB1 Nitrided & Phosphated.				Length 131.2 Comp. Height 80.2 Pin Dia. 48.0 Length 104.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
6D125	125.0	6	KMKT5021100	6150-32-2110	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
◎Bull Dozer : D75A-1/S5 , D65EX/PX-12, D83,D85 ◎Excavator : PC300 Piston :Al-fin.Round Combustion Chamber 62mm Liner : AB1 Nitrided & Phosphated.				Length 131.2 Comp. Height 80.0 Pin Dia. 48.0 Length 104.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
S6D125	125.0	6	KMKT5111710	6151-31-2171 6151-31-2060 6151-31-2150 6151-31-2012 6151-31-2071	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Piston :Al-fin.Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated.				Length 131.0 Comp. Height 80.1 Pin Dia. 48.0 Length 104.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
S6D125	125.0	6	KMKT5121100	6151-32-2110	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Piston :Al-fin.Round Combustion Chamber 66mm Liner : AB1 Nitrided & Phosphated.				Length 131.0 Comp. Height 80.1 Pin Dia. 48.0 Length 104.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						

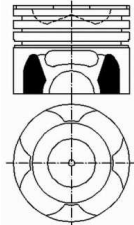
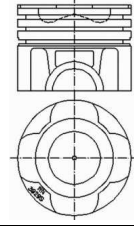
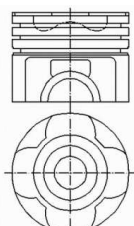
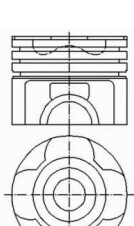
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D125	125.0	6	KMKT5121200	6151-31-2120	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Piston :Al-fin.Round Combustion Chamber 66mm Liner : AB1 Nitrided & Phosphated.				Length 131.0 Comp. Height 80.1 Pin Dia. 48.0 Length 104.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
S6D125 (Cast Iron)	125.0	6	KMKT5111120	6151-31-2112	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Cast Iron Piston :Oil Gallery, Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated.				Length 122.3 Comp. Height 80.3 Pin Dia. 48.0 Length 99.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
S6D125 (Cast Iron)	125.0	6	KMKT5115110	6151-31-2511 6151-31-2170 6151-31-2710	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Cast Iron Piston :Oil Gallery, Round Combustion Chamber 75mm Liner :AB1 Nitrided & Phosphated.				Length 117.3 Comp. Height 80.3 Pin Dia. 48.0 Length 99.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						
S6D125E-2 (Cast Iron)	125.0	6	KMKT5215100	6152-32-2510 6151-32-2110	6150-21-2221 6151-22-2220	6150-31-2033 /cyl R18211
Cast Iron Piston :Oil Gallery, Round Combustion Chamber 63mm Liner : AB1 Nitrided & Phosphated.				Length 117.3 Comp. Height 80.3 Pin Dia. 48.0 Length 99.0	Fitting Dia. 141.4 Length 256.5 Flange Dia. 153.0 F/Dep. 10.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
						

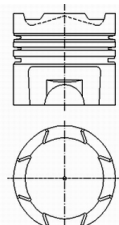
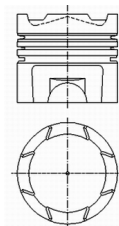
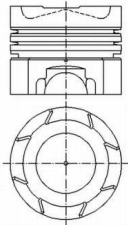
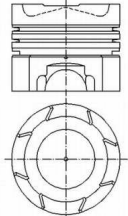
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D130-1	130.0	4	KMKT1421110	6114-31-2111	6115-21-2211	6114-30-2303 6114-30-2403/cyl.
◎Bull-Dozer:D53A-16,D53S-17.D57S-1 8490cc(4cyls.)						
Piston :Al-fin,Round Combustion Chamber 63mm Liner : 				Length 135.0 Comp. Height 90.0 Pin Dia. 44.0 Length 102.0	Fitting Dia. 146.0 Length 293.0 Flange Dia. 156.0 F/Dep. 13.0 F 1.0	1st 3.5 2nd 2.5 Oil 5.5
NH220-C1	130.18	6	KODKT1601	6620-31-2110	6610-21-2213	6620-31-2020 R18320
Piston : Double Al-fin, Round Combustion Chamber 99mm Liner : AB1 Nitrided & Phosphated. 				Length 158.5 Comp. Height 101.5 Pin Dia. 50.8 Length 110.0	Fitting Dia. 146.0 Length 303.5 Flange Dia. 156.0 F/Dep. 11.0 F 2.0	1st 3.78K 2nd 3.61K 3rd 3.61K Oil 6.12
NT855	139.7	6	KMKT2154200	6711-31-2110 215420	6710-21-2210	6710-31-2023 R18720
Piston :Al-fin,Round Combustion Chamber 105mm Liner : AB1 Nitrided & Phosphated. 				Length 152.8 Comp. Height 95.8 Pin Dia. 50.8 Length 119.0	Fitting Dia. 155.5 Length 288.0 Flange Dia. 167.0 F/Dep. 9.0 F 2.0	1st 3.595k 2nd 2.878K 3rd 2.878K Oil 4.75
NT855-1	139.7	6	KMKT3048808	3048808 6711-31-2110	6710-21-2210	6710-31-2023 R18720
Piston : Top & 2nd Ring Grooves Al-fin,Round Combustion Chamber 97mm Liner : AB1 Nitrided & Phosphated. 				Length 159.8 Comp. Height 102.4 Pin Dia. 50.8 Length 119.0	Fitting Dia. 155.5 Length 288.0 Flange Dia. 167.0 F/Dep. 9.0 F 2.0	1st 3.595k 2nd 2.878K 3rd 2.878K Oil 4.75

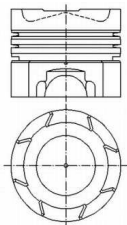
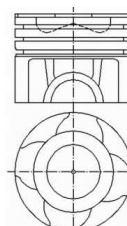
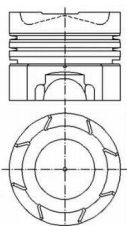
Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (mm)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D140 (Cast Iron) ◎Excavator:PC650-3◎Bulldozer:D135A-2 ,D155AX-3 ◎Wheel Loader:WA500-1 15200cc	140	6	KMKT1121110	6211-31-2111 6211-32-2110	6211-21-2210 6211-21-2220	6211-31-2031 6211-31-2032/cyl. R18970
Cast Iron Piston : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished, Nitrided & Phosphated . 				Length 130.2 Comp. Height 85.2 Pin Dia. 52.0 Length 110.0	Fitting Dia. 158.0 Length 283.0 Flange Dia. 170.5 F/Dep. 11.0 F 2.0	1st 2.4K 2nd 2.4K Oil 4.0
SA6D140-1 140 6 KMKT1211700 SA12V140-1 12 (Cast Iron) ◎[SA6D140-1] Excavator:PC750-5,PC1600-1 15200cc ◎[SA12V140-1] Bulldozer:D475A-2,D475A-3 Wheel Loader:WA800-2 Cast Iron Piston : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished , Nitrided & Phosphated . 				6212-31-2170 6211-31-2410 6212-31-2110 6212-31-2150 6211-31-2130 Length 125.2 Comp. Height 85.2 Pin Dia. 52.0 Length 110.0	6211-21-2210 6211-21-2220 Fitting Dia. 158.0 Length 283.0 Flange Dia. 170.5 F/Dep. 11.0 F 2.0	6211-31-2031 6211-31-2032/cyl. R18970 1st 2.4K 2nd 2.4K Oil 4.0
S6D140 140 6 KMKT1211510 (Cast Iron) ◎Excavator:PC650-3◎Bulldozer:D135A-2 ,D155AX-3 ◎Wheel Loader:WA500-1 15200cc Cast Iron Piston : Oil Gallery & Nitriding. Round Combustion Chamber 78mm Liner : Fully-Finished, Nitrided & Phosphated . 				6212-31-2151 6211-32-2130 Length 125.2 Comp. Height 85.2 Pin Dia. 52.0 Length 110.0	6211-21-2210 6211-21-2220 Fitting Dia. 158.0 Length 283.0 Flange Dia. 170.5 F/Dep. 11.0 F 2.0	6211-31-2031 6211-31-2032/cyl. R18970 1st 2.4K 2nd 2.4K Oil 4.0
S6D140 140 6 KMKT1711300 (Cast Iron) ◎Excavator:PC650-3◎Bulldozer:D135A-2 ,D155AX-3 ◎Wheel Loader:WA500-1 15200cc Cast Iron Piston: Oil Gallery & Nitriding. Round Combustion Chamber 76mm Liner : Fully-Finished , Nitrided & Phosphated . 				6217-31-2130 Length 125.2 Comp. Height 85.2 Pin Dia. 52.0 Length 110.0	6218-21-2210 Fitting Dia. 158.0 Length 283.0 Flange Dia. 170.5 F/Dep. 11.0 F 2.0	6211-31-2031 6211-31-2032/cyl. R18970 1st 3.0K 2nd 2.4K Oil 4.0

Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6D155-4 ©Bull-Dozer:D150,D155A-1,D155S-1,D355A-1 19260cc(6 cyls.)	155.0	6	KMKT2711400	6127-31-2140 (Piston Body) 6127-31-2030 (Piston Assy)		6128-21-2216		6128-31-2060 6128-31-2070/cyl. R18370	
Piston :Al-fin , Round Combustion Chamber 131mm Liner : AB1 Nitrided & Phosphated. Piston Pin #6127-31-2410 Retainer #6120-31-2120				Length 167.5 Comp. Height 102.5 Pin Dia. 60.0 Length 130.0		Fitting Dia. 176.0 Length 327.0 Flange Dia. 184.0 F/Dep. 14.0 F 2.0		1st 3.68K 2nd 3.548K Oil 4.737	
									
SA6D155-4 ©Bull-Dozer:D150,D155A-1,D155S-1,D355A-1 19260cc(6 cyls.)	155.0	6	KMKT2811400	6128-31-2140 (Piston Body) 6128-31-2050 (Piston Assy)		6128-21-2216		6128-31-2060 6128-31-2070/cyl. R18370	
Piston : Al-fin,Round Combustion Chamber 124mm Liner :AB1 Nitrided & Phosphated. Piston Pin #6127-31-2410 Retainer #6120-31-2120				Length 170.0 Comp. Height 105.0 Pin Dia. 60.0 Length 130.0		Fitting Dia. 176.0 Length 327.0 Flange Dia. 184.0 F/Dep. 14.0 F 2.0		1st 3.68K 2nd 3.548K Oil 4.737	
									
S6D170 ©Bull-Dozer:D275A-2 ,D375A-1 Excavators:PC650-1 Wheel Loader:WA600-1,-1L	170.0	6	KMKT6411100	6164-31-2110 6164-31-2120		6162-23-2210 6162-23-2250		6162-33-2060 R64020	
Piston :Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber 122mm Liner :Nitrided.				Length 195.5 Comp. Height 120.5 Pin Dia. 68.0 Length 142.0		Fitting Dia. 190.3 Length 342.0 Flange Dia. 206.0 F/Dep. 14.0 F 2.0		1st 3.68K 2nd 3.548K Oil 4.737	
									
S6D170-1 ©Bull-Dozer:D375A-1 Wheel Loader:WA600	170.0	6	KMKT6231400	6162-33-2140		6162-23-2210 6162-23-2250		6162-33-2060 R64020	
Piston : Al-fin,Oil Gallery,Head Anodized ,Round Combustion Chamber 122mm Liner :Nitrided.				Length 195.5 Comp. Height 120.5 Pin Dia. 68.0 Length 142.0		Fitting Dia. 190.3 Length 342.0 Flange Dia. 206.0 F/Dep. 14.0 F 2.0		1st 3.68K 2nd 3.548K Oil 4.737	
									

Liner Kit for **KOMATSU** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6D170-1 ©Bull-Dozer:D375A-1 Wheel Loader:WA600	170.0	6	KMKT6231200	6162-33-2120	6162-23-2210 6162-23-2250	6162-33-2060 R64020
Piston :Al-fin Round Combustion Chamber 112mm Liner :Nitrided. 				Length 195.5 Comp. Height 120.5 Pin Dia. 68.0 Length 142.0	Fitting Dia. 190.3 Length 342.0 Flange Dia. 206.0 F/Dep. 14.0 F 2.0	1st 3.68K 2nd 3.548K Oil 4.737
S6D170 (Cast Iron) ©Bull-Dozer:D375A-1 Wheel Loader:WA600	170.0	6	KMKT6251200	6162-35-2120	6162-23-2210 6162-23-2250	6162-33-2060 R64020
Iron Piston : Oil Gallery, Round Combustion Chamber 118MM Liner :Nitrided. 				Length 176.0 Comp. Height 120.8 Pin Dia. 68.0 Length 126.0	Fitting Dia. 190.3 Length 342.0 Flange Dia. 206.0 F/Dep. 14.0 F 2.0	1st 3.68K 2nd 3.548K Oil 4.737
S6AD170-1 ©Bull-Dozer:D375A-1 Wheel Loader:WA700-1 Excavator:PC1000-1	170.0	6	KMKT6231400	6162-33-2140	6162-25-2210	6162-33-2060 R64020
Piston : Al-fin, Oil Gallery, Head Anodized , Round Combustion Chamber 122mm Liner :Nitrided. 				Length 195.5 Comp. Height 120.5 Pin Dia. 68.0 Length 142.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 3.68K 2nd 3.548K Oil 4.737
S6D170E-3 (Cast Iron) ©Bull-Dozer:D375A-5 Wheel Loader:WA600 -3 Excavator:PC1250-7	170.0	6	KMKT4011110	6240-31-2111	6240-21-2220	6240-31-2030
Iron Piston : Oil Gallery, Round Combustion Chamber 122MM Liner :Nitrided. 				Length 147.0 Comp. Height 100.1 Pin Dia. 68.0 Length 126.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 3.68K 2nd 3.548K Oil 4.0

Liner Kit for **KUBOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3D72 D850	72.0	3				
PISTON:AL-FIN LINER:				Length 65.5 Comp. Height 35.5 Pin Dia. 20.0 Length 54.0	Fitting Dia. 75.5 Length 132.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 1.5 Oil 4.0
D1005 3D76	76.0	3				
PISTON: LINER:				Length 68.8 Comp. Height 38.8 Pin Dia. 22.0 Length 60.0	Fitting Dia. 79.5 Length 145.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 1.5 Oil 4.0
V1505	78.0	3				
PISTON: LINER:				Length 69.5 Comp. Height 36.3 Pin Dia. 22.0 Length 60.0	Fitting Dia. 81.5 Length 152.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 1.5 Oil 4.0
V2203-B 4D87	87.0	4		16427-21110		17378-21090
PISTON: Head Anodized, Skirt with MOS2 LINER:				Length 80.0 Comp. Height 43.5 Pin Dia. 25.0 Length 64.0	Fitting Dia. 90.0 Length 150.0 Flange Dia. F/Dep. F	1st 2nd Oil

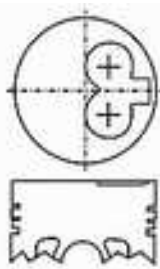
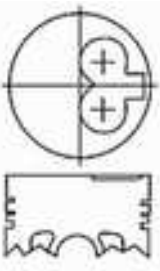
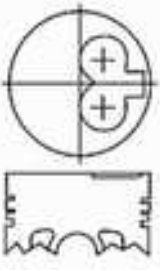
Liner Kit for **KUBOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
V2203-DI 4D87	87.0	4				17378-21090
PISTON: Round Combusion Chamber 46.7mm LINER:				Length 80.0 Comp. Height 43.5 Pin Dia. 25.0 Length 64.0	Fitting Dia. 90.0 Length 150.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 5.0
V2403M	87.0	4				
PISTON: Skirt with MOS2, Round Combusion Chamber 47mm LINER:				Length 80.0 Comp. Height 43.5 Pin Dia. 25.0 Length 64.0	Fitting Dia. 90.0 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
V2403	87.0	4		1G796-21111		
PISTON: Skirt with MOS2, Round Combusion Chamber 40mm LINER:				Length 80.0 Comp. Height 43.5 Pin Dia. 25.0 Length 64.0	Fitting Dia. 90.0 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
V3300-DI	98.0	4				1C020-21050
PISTON: Skirt with MOS2, Round Combusion Chamber 56.8mm LINER:				Length 91.7 Comp. Height 46.6 Pin Dia. 30.0 Length 75.0	Fitting Dia. 101.5 Length 181.4 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 3.0

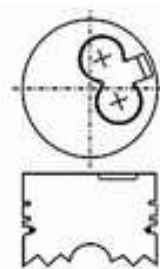
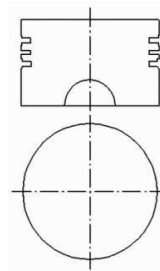
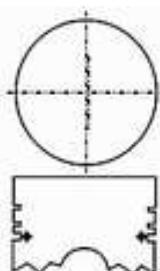
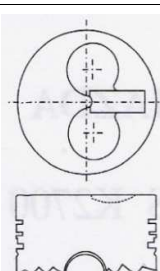
Liner Kit for **KUBOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
V3300-TIE	98.0	4				1C020-21050
PISTON: Skirt with MOS2, Round Combusion Chamber 51.8mm LINER:				Length 91.6 Comp. Height 46.6 Pin Dia. 30.0 Length 75.0	Fitting Dia. 101.5 Length 181.4 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 3.0
V3800	100.0	4				
Piston : Liner : .				Length Comp. Height Pin Dia. Length	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2nd Oil

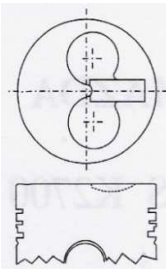
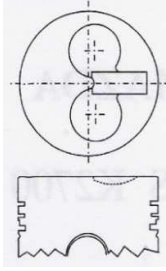
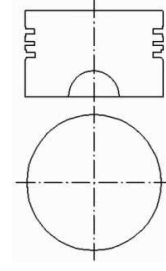
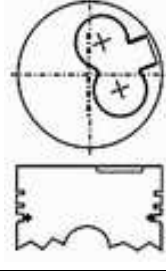
Liner Kit for **MAZDA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
R2 ©Bongo SR29V ,2184cc	86.0	4	MZKT01F000	RF01-23-200		RF01-10-311		R201-23-130 R201-23-130A R30850	
PISTON: LINER:				Length 86.3 Comp. Height 47.3 - 1.6 Pin Dia. 25.0 Length 68.0	Fitting Dia. 89.5 Length 165.0 Flange Dia. 91.5 F/Dep. 5.0 F	1st 2.0 2nd 2.0 Oil 4.0			
R2YO ©Bongo SR29V ,2184cc	86.0	4	MZKT20Y000	R2YO-11-SAO		R2B6-10-311 R2B6-10-313		R2B6-11-SCO R30330	
Piston : Alfin & Oil Gallery. Liner :				Length 86.2 Comp. Height 47.2 Pin Dia. 25.0 Length 68.0	Fitting Dia. 89.0 Length 163.0 Flange Dia. 94.0 F/Dep. 2.8 F	1st 2.0 2nd 2.0 Oil 3.0			
R2Y3 ©Bongo SR29V ,2184cc	86.0	4	MZKT23Y000	R2Y3-11-SAO		R2B6-10-311 R2B6-10-313		R2B6-11-SCO R30330	
Piston : Alfin & Oil Gallery. Liner :				Length 82.1 Comp. Height 43.1 Pin Dia. 25.0 Length 65.0	Fitting Dia. 89.0 Length 163.0 Flange Dia. 94.0 F/Dep. 2.8 F	1st 2.0 2nd 2.0 Oil 3.0			
XA T2500	88.9	4		S501-99-111 S501-23-200		0636-10-311 S501-23-051		R30146	
Piston : Liner :				Length 103.4 Comp. Height 60.4 Pin Dia. 28.0 Length 73.5	Fitting Dia. 96.9 Length 191.0 Flange Dia. 101.0 F/Dep. 3.8 F 1.0	1st 2.38 2nd 2.38 Oil 4.76			

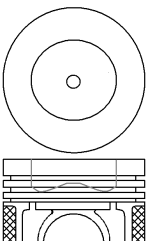
Liner Kit for **MAZDA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S2 E2000 ©Bongo,Diesel ©Luce(929L) LA48,DA258,BA259,E2200 2209cc	88.9	4	MZKT0801	1456-23-200		1456-23-051		0911-11-213 1456-11-213 S213-11-213 R30190	
Piston : Liner :				Length 95.0 Comp. Height 50.8 Pin Dia. 28.0 Length 73.5		Fitting Dia. 96.9 Length 167.0 Flange Dia. 101.0 F/Dep. 3.8 F 0.8		1st 2.38 2nd 2.38 Oil 4.76	
XB E2700 ©Titan E2700 2701cc	92	4	MZKT5280000	0528-23-200		0528-10-311 0527-23-051 0552-10-311		0527-23-206 0528-23-206 R30741	
Piston : tin plated Liner : fully-finished				Length 115.7 Comp. Height 60.2 Pin Dia. 31.75 Length 75.0		Fitting Dia. 96.9 Length 191.0 Flange Dia. 101.0 F/Dep. 3.8 F 0.8		1st 2.38 2nd 2.38 3rd 2.38 1st Oil 4.76 2nd Oil 4.76	
ZB T4100 ©Titan T4100 4052cc	92	6	MZDKT0902	V101-23-200		V101-23-051		V101-23-206 R30230	
Piston : Liner :				Length 103.4 Comp. Height 60.4 Pin Dia. 31.75 Length 75.0		Fitting Dia. 96.9 Length 191.0 Flange Dia. 101.0 F/Dep. 3.8 F 0.8		1st 2.38 2nd 2.38 Oil 4.76	
WL ©Titan T4100 4052cc	93	4	MZKT3LY000	WLY3-11- WLY5-11-SAOB		WL01-10-311 WLY3-23-051		WLY1-11-SCO R30175	
Piston : Al-fin Liner : Phosphated				Length 87.4 Comp. Height 47.9 Pin Dia. 32.0 Length 70.0		Fitting Dia. 96.8 Length 168.0 Flange Dia. 102.5 F/Dep. 2.5 F 0.7		1st 2.5 2nd 2.0 Oil 3.0	

Liner Kit for **MAZDA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING	
WL-T ©Titan T4100 4052cc	93	4	MZKT8LY000	WLY1-11-	WL01-10-311 WLY3-23-051		
Piston : Al-fin Liner : Phosphated				Length 87.3 Comp. Height 47.8 Pin Dia. 32.0 Length 70.0	Fitting Dia. 96.8 Length 168.0 Flange Dia. 102.5 F/Dep. 2.5 F 0.7	1st 2.5 2nd 2.0 Oil 3.0	
WL-T ©Titan T4100 4052cc	93	4		WLY8-11-	WL01-10-311 WLY3-23-051		
Piston : Al-fin ,Oil Gallery, Liner : Phosphated				Length 87.3 Comp. Height 47.8 Pin Dia. 32.0 Length 70.0	Fitting Dia. 96.8 Length 168.0 Flange Dia. 102.5 F/Dep. 2.5 F 0.7	1st 2.5 2nd 2.0 Oil 3.0	
HA E3000 E3000	95	4	MZKT933000	0933-23-200	1363-23-051	SE01-23-206 R30371	
Piston : Liner :				Length 115.4 Comp. Height 58.4 Pin Dia. 31.75 Length 75.0	Fitting Dia. 98.5 Length 191.0 Flange Dia. 103.5 F/Dep. 3.8 F 0.8	1st 2.38 2nd 2.38 Oil 4.763	
HA T3000 ©Titan D3000 WE,WOFI ,T3000 2977cc	95	4	MZDKT0901	SE01-23-200	1363-23-051	1363-23-206 SE01-23-206 R30370	
Piston : Liner :				Length 100.6 Comp. Height 53.6 Pin Dia. 30.0 Length 79.0	Fitting Dia. 98.5 Length 189.0 Flange Dia. 103.5 F/Dep. 3.8 F 0.8	1st 2.38 2nd 2.38 Oil 4.76	

Liner Kit for **MAZDA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
WLTC BT50	93.0	4		WLYE-11-SAO	WL01-10-311 WLY3-23-051	
Piston : Al-Fin, Oil Gallery, Skirt with MoS2 Coatin & Tin plated, Round Combusion Chamber 48mm Liner : 				Length 81.2 Comp. Height 51.7 Pin Dia. 34.0 Length 70.0	Fitting Dia. 96.8 Length 168.0 Flange Dia. 102.5 F/Dep. 2.5 F 1.0	1st 2.0 2nd 1.5 Oil 2.0
T3500	100.0	4	MZKT01L000	SL01-23-200	SL01-23-311 SL07-23-051	
Piston : Al-Fin, Round Combusion Chamber 35mm Liner :				Length 105.0 Comp. Height 58.0 Pin Dia. 34.0 Length 82.0	Fitting Dia. 103.5 Length 193.5 Flange Dia. 108.0 F/Dep. 2.5 F	1st 2.5H 2nd 2.0 Oil 4.5
T3500	100.0	4	MZKT07L000	SL07-23-200	SL01-23-311 SL07-23-051	
Piston : Round Combusion Chamber 35mm Liner :				Length 105.0 Comp. Height 58.0 Pin Dia. 34.0 Length 82.0	Fitting Dia. 103.5 Length 193.5 Flange Dia. 108.0 F/Dep. 2.5 F	1st 2.5H 2nd 2.0 Oil 4.5
T3500	100.0	4	MZKT05L000	SL50-11-SAO	SL01-23-311 SL07-23-051	
Piston : AL-FIN, Round Combusion Chamber 53mm Liner :				Length 105.2 Comp. Height 58.2 Pin Dia. 34.0 Length 82.0	Fitting Dia. 103.5 Length 193.5 Flange Dia. 108.0 F/Dep. 2.5 F	1st 2.5 2nd 2.0 Oil 4.5

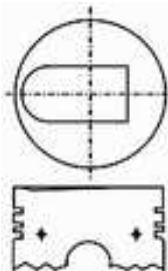
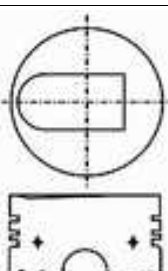
Liner Kit for **MAZDA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE	RING	
TF T4000	105.0	4	MZKT20F000	TF20-11-SAO		TFY0-10-311 TFY0-10-313		
Piston : AL-FIN, Round Combusion Chamber 53mm Liner :				Length	108.3	Fitting Dia.	109.0	1st 2.5H
				Comp. Height	61.4	Length	200.0	2nd 2.0
				Pin Dia.	35.0	Flange Dia.	114.5	Oil 4.5
				Length	87.0	F/Dep.	6.0	
						F		
TM T4500	105.0	4	MZKT01M000	TM01-11-102 TMY0-11-200		TMY0-10-311		
Piston : AL-FIN, Round Combusion Chamber 53mm Liner :				Length	107.3	Fitting Dia.	112.5	1st 3.0H
				Comp. Height	61.3	Length	202.0	2nd 2.0
				Pin Dia.	35.0	Flange Dia.	118.0	Oil 3.0
				Length	79.0	F/Dep.	6.0	
						F		

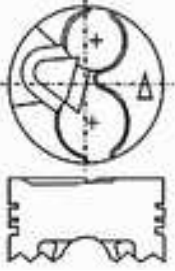
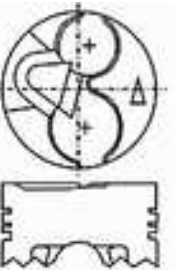
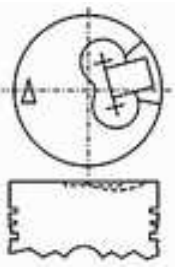
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
K4D	73.0	4		MM436618		
PISTON: LINER:				Length 71.8 Comp. Height 39.1 Pin Dia. 19.0 Length 64.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 3rd 2.0 Oil 4.0
K4E	76.0	4		30A17-00050		
PISTON: LINER:				Length 71.9 Comp. Height 38.9 Pin Dia. 23.0 Length 62.0	Fitting Dia. 79.5 Length 145.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0
K3M	84.0	3		MM433007		
PISTON: LINER:				Length 79.9 Comp. Height 43.0 Pin Dia. 23.0 Length 65.0	Fitting Dia. 87.5 Length 162.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0
S3L	78.0	3		31A17-09101		
PISTON: LINER:				Length 72.6 Comp. Height 39.7 Pin Dia. 23.0 Length 63.0	Fitting Dia. 81.0 Length 152.0 Flange Dia. #120 F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0

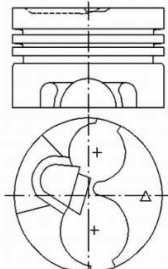
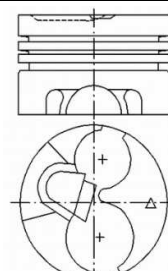
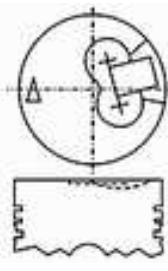
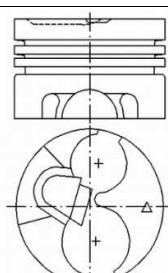
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S4L	78.0	4		31A17-11100		
PISTON: LINER:				Length 79.9 Comp. Height 43.0 Pin Dia. 23.0 Length 63.0	Fitting Dia. 87.5 Length 162.0 Flange Dia. #120 F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0
4DQ5	84	4	MFDKT6500	30617-57105	30607-50301	30617-51011 R20250
©Canter 2084cc						
Piston : Liner :				Length 92.3 Comp. Height 45.3 Pin Dia. 25.0 Length 70.0	Fitting Dia. 87.0 Length 162.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0
4DQ5	84	4	MFDKT6700	30617-62100 30617-60101	30607-50301	30617-51011 R20250
©Canter 2084cc						
Piston : Liner :				Length 80.3 Comp. Height 45.3 Pin Dia. 25.0 Length 70.0	Fitting Dia. 87.0 Length 162.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0
S4Q2	88.0	4		32C17-00100		
Piston : Liner :				Length 86.0 Comp. Height 51.0 Pin Dia. 28.0 Length 72.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0

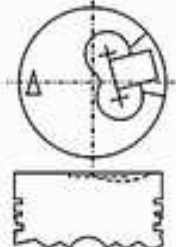
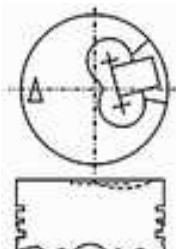
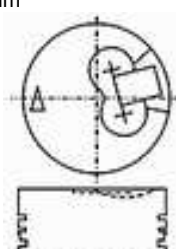
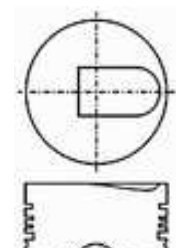
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
K4N	90.0	4				
Piston :Round Combustion Chamber 45mm Liner :				Length 86.2 Comp. Height 46.5 Pin Dia. 27.0 Length 68.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
4D55	91.1	4	MFKT5002100	MD050021	MD050430 MD103648 ME050430	MD050395 R20211
◎Galant A167◎Galant Sapporo,2346cc						
Piston : Tin Plated Liner :Semi-finished				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0
4D56	91.1	4	MFKT1033180	MD103318	MD050430 MD103648 ME050430	MD050395 R20211
◎Galant A167◎Galant Sapporo,2346cc						
Piston : Tin Plated Liner :Semi-finished				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0
4D56	91.1	4	MFKT3048380	MD304838	MD050430 MD103648 ME050430	MD050395 R20211
◎Galant A167◎L300,L038P,68P,2346cc						
Piston :Al-Fin Liner :				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0

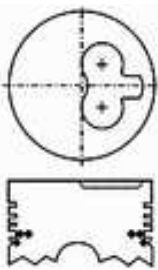
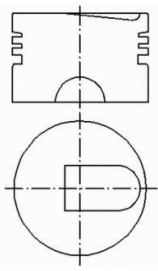
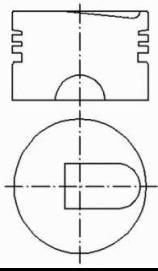
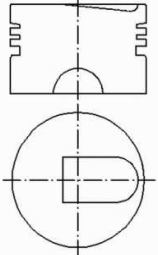
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
4D55T 91.1 4 MFKT5001100 ◎Galant A167◎L300,L038P,68P,2346cc				MD050011		MD050430 MD103648 ME050430		MD050390 MD103391 MD168293 R20503	
Piston :Al-Fin,Tin Plated Liner :Semi-finished				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0H Oil 4.0		
4D56T 91.1 4 MFKT1033080 ◎Galant A167◎L300,L038P,68P,2346cc				MD103308		MD050430 MD103648 ME050430		MD050390 MD103391 MD168293 R20503	
Piston :Al-Fin,Tin Plated Liner :Semi-finished				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0H Oil 4.0		
4D56T 91.1 4 MFKT3048500 ◎Galant A167◎L300,L038P,68P,2346cc				MD304850		MD050430 MD103648 ME050430		MD050390 MD103391 MD168293 R20503 R20685	
Piston :Al-Fin Liner :				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0H Oil 4.0		
4D55T 91.1 4 MFKT1826010 ◎Galant A167◎L300,L038P,68P,2346cc				MD182601(LH) MD182607(RH)		MD050430 MD103648 ME050430		MD050390 MD103391 MD168293 R20503	
Piston :Al-Fin,Tin Plated Liner :Semi-finished				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0H Oil 4.0		

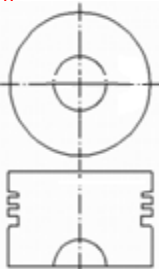
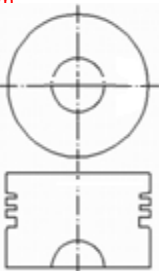
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D56T 91.1 4 MFKT3048530 ©Galant A167©L300,L038P,68P,2346cc				MD304853(LH) MD304859(RH)	MD050430 MD103648 ME050430	MD050390 MD103391 MD168293 R20503 R20685
Piston :Al-Fin & Oil Gallery Liner :				Length 88.7 Comp. Height 48.7 Pin Dia. 29.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0H Oil 4.0
4D56T 91.1 4 MFKT3779620 ©Galant A167©L300,L038P,68P,2346cc				MD377962(LH) MD377963(RH)	MD050430 MD103648 ME050430	MD050390 MD103391 MD168293 R20503 R20685
Piston :Al-Fin & Oil Gallery Liner :				Length 78.7 Comp. Height 48.7 Pin Dia. 32.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0H Oil 4.0
4D56T 91.1 4 ©Galant A167©L300,L038P,68P,2346cc				1110A593(LH) 1110A594(RH)	MD050430 MD103648 ME050430	MD050390 MD103391 MD168293 R20503 R20685
Piston :Al-fin, Round Combustion Chamber 44mm Liner :				Length 78.2 Comp. Height 48.2 Pin Dia. 32.0 Length 75.0	Fitting Dia. 94.1 Length 165.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0H Oil 4.0
4DR5 92.0 4 MFDKT4101 ©Canter T96A,96B,T200C,T200F©Jeep J24,J36,J44©Rosa B200,B210,2659cc				31617-00106	31617-022020	31617-02012 31617-02013 31617-05102 31617-05103 R20995
Piston : Liner :				Length 99.5 Comp. Height 52.5 Pin Dia. 28.0 Length 77.0	Fitting Dia. 95.0 Length 176.0 Flange Dia. F/Dep. F	1st 2.5 H 2nd 2.0 3rd 2.0 Oil 4.5

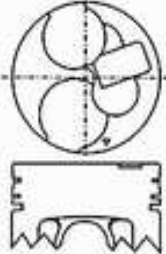
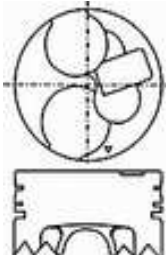
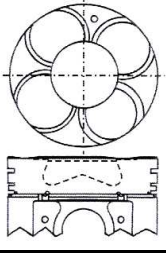
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
4DR51 ©Canter T96A,96B,T200C,T200F©Jeep J24,J36,J44©Rosa B200,B210,2659cc	92.0	4	MFKT0204400	ME002044		31617-022020		31617-02012 31617-02013 31617-05102 31617-05103 R20995	
Piston : Liner :				Length Comp. Height Pin Dia. Length	99.7 52.7 28.0 77.0	Fitting Dia. Length Flange Dia. F/Dep. F	95.0 176.0	1st 2nd 3rd Oil	2.5 H 2.0 2.0 4.5
S4E S6E	94.0	4 6	MFDKT7300	34417-04101		34407-00301		34417-02012 R20013	
Piston : Liner :				Length Comp. Height Pin Dia. Length	90.0 51.7 28.0 77.0	Fitting Dia. Length Flange Dia. F/Dep. F	98.0 168.5	1st 2nd Oil	2.5H 2.0 4.5
S4S S6S	94.0	4 6	MHKT3200100	32A17-00100		32A07-00300		34417-11011 34417-02012 R20014	
Piston : Liner :				Length Comp. Height Pin Dia. Length	90.1 55.1 30.0 77.0	Fitting Dia. Length Flange Dia. F/Dep. F	98.0 190.0	1st 2nd Oil	2.5H 2.0 4.5
S4S S6S	94.0	4 6	MHKT3200100	32A17-00100		32A07-00300			
Piston : Liner :				Length Comp. Height Pin Dia. Length	90.1 55.1 30.0 77.0	Fitting Dia. Length Flange Dia. F/Dep. F	98.0 190.0	1st 2nd Oil	2.5H 2.0 4.0

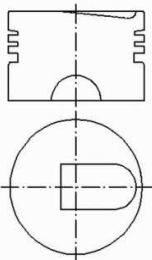
Liner Kit for **mitsubishi** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S4SD S6SD	94.0	4 6	MHKT3205102	32A17-05102	32A07-00300	34417-11011 34417-02012 R20014
Piston :AL/FIN, Round Combustion Chamber 55mm Liner : 				Length 90.4 Comp. Height 55.4 Pin Dia. 30.0 Length 77.0	Fitting Dia. 98.0 Length 190.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.5
S4SDT S6SDT	94.0 94.0	4 6	MHKT3203100	32A17-03100	32A07-00300	34417-11011 34417-02012 R20014
Piston :AL/FIN, Round Combustion Chamber 53mm Liner : 				Length 90.4 Comp. Height 55.5 Pin Dia. 30.0 Length 77.0	Fitting Dia. 98.0 Length 190.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.5
4DR7 2835cc	95.0	4	MFKT2186100	ME021861	ME997798 MD168963 ME200685 ME200622	ME201522 ME202380 ME202950 ME997256 R20957
Piston : Liner : 				Length 94.6 Comp. Height 52.6 Pin Dia. 30.0 Length 78.0	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 4.0
4M40 ©Pajero 2835cc	95.0	4	MFKT2017810	ME201781	ME997798 MD168963 ME200685 ME200622	ME202148 R20585
Piston : Al-Fin, Head Anodized, Liner : 				Length 91.6 Comp. Height 51.6 Pin Dia. 30.0 Length 78.0	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 3.0

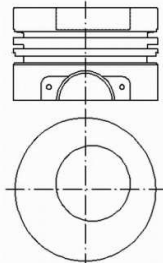
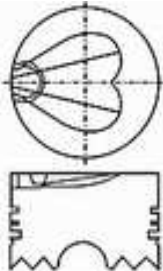
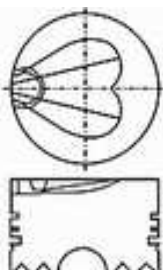
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4M40 ©Pajero FB501,FD511,2835cc	95	4	MFKT2006890	ME200689 ME200690	ME997798 MD168963 ME200685 ME200622	ME997894 ME202380 R20661
Piston : Al-Fin & Oil Gallery,Head Anodized,Skirt with MoS2 coating Liner : 				Length 91.6 Comp. Height 51.6 Pin Dia. 30.0 Length 78.0	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 4.0
4M40TC ©Pajero 2835cc	95.0	4	MFKT2032230	ME203223	ME997798 MD168963 ME200685 ME200622	ME202148 R20585
Piston : Al-Fin,Oil Gallery & Head Anodized. Liner : 				Length 91.6 Comp. Height 51.6 Pin Dia. 30.0 Length 78.0	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 3.0
4M41T	98.5	4	MFKT9147000	ME191470 ME203845		ME203533
Piston : ALFIN, Oil gallery,Skirt with MoS2 Coating , Head Anodized& Tin plated.Round Combustion Cham Liner : 				Length 87.0 Comp. Height 47.0 Pin Dia. 32.0 Length 80.0	Fitting Dia. 102.5 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 1.5 Oil 3.0
4M42T ©Pajero 2835cc	95.0	4	MFKT1909060	ME190906 ME190903	ME997798 MD168963 ME200685 ME200622	ME202148 R20585
Piston : Al-Fin,Oil Gallery & Skirt With MOS2, 4 Valve Print, Round Combustion Chamber 46mm Liner :				Length 87.0 Comp. Height 47.0 Pin Dia. 32.0 Length 79.5	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 3.0

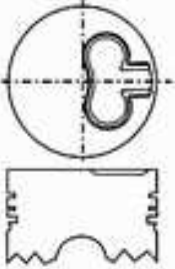
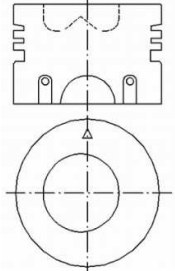
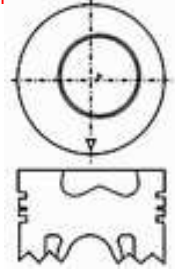
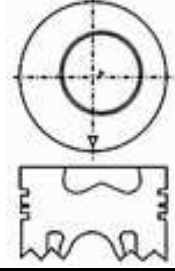
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4M42T ©Pajero 2835cc	95.0	4	MFKT1939370	ME193937	ME997798 MD168963 ME200685 ME200622	ME202148 R20585
Piston : Al-Fin,Oil Gallery & Skirt With MOS2, 4 Valve Print, Round Combustion Chamber 55.5mm Liner :				Length 77.0 Comp. Height 51.0 Pin Dia. 32.0 Length 80.0	Fitting Dia. 98.0 Length 186.0 Flange Dia. F/Dep. F	1st 2.3K 2nd 2.0 Oil 3.0
6DS1	95	6	ME023254	ME023255	ME020306	
Piston : Liner :				Length 105.3 Comp. Height 60.7 Pin Dia. 32.0 Length 82.0	Fitting Dia. 108.0 Length 191.2 Flange Dia. 115.0 F/Dep. 10.0 F 1.2	1st 2.5 2nd 2.0 3rd 2.0 Oil 4.5
6DS3	95.0	6	ME023066	ME023267	ME021841	
Piston : Liner :				Length 105.3 Comp. Height 60.7 Pin Dia. 32.0 Length 82.0	Fitting Dia. 110.0 Length 201.2 Flange Dia. 117.0 F/Dep. 10.0 F 1.2	1st 3.0H 2nd 2.0 Oil 4.5
S4E-2 S6E-2	98.0	4 6	MHKT3454100	34417-54100	34407-05400 34407-00500	
Piston : Liner : 				Length 90.0 Comp. Height 51.5 Pin Dia. 28.0 Length 77.0	Fitting Dia. 101.0 Length 168.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 5.0

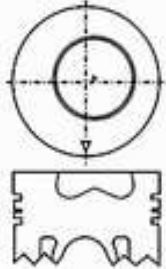
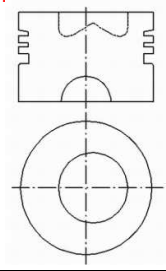
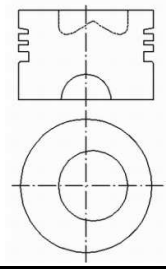
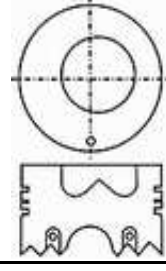
Liner Kit for **mitsubishi** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S4F S6F	98.0	4 6	MHKT3641100	36717-41100	34407-05400 34407-00500	34417-09012 R20961
Piston : Al-Fin,Round Combustion Chamber 50mm Liner : 				Length 96.5 Comp. Height 57.8 Pin Dia. 32.0 Length 78.0	Fitting Dia. 101.0 Length 168.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 5.0
6DS70A	98.0	6	ME024019	ME024402	ME021843	ME024409 ME023333 ME024409 R20180
◎Truck T653B,653BG,663C,663ZD,FK102 ◎Tractor T653ZR ◎ Bus B623B,623E,5430cc						
Piston :  Liner :				Length 105.3 Comp. Height 60.7 Pin Dia. 32.0 Length 82.0	Fitting Dia. 110.0 Length 201.2 Flange Dia. 117.0 F/Dep. 10.0 F 1.2	1st 3.0H 2nd 2.0 Oil 5.0
6DS70C	98.0	6	MFDKT5904	ME024402	ME029081 ME029187	ME021861 ME023333 ME024409 R20180
◎Truck T653B,653BG,663C,663ZD,FK102 ◎Tractor T653ZR ◎ Bus B623B,623E,5430cc						
Piston :  Liner :				Length 105.3 Comp. Height 60.7 Pin Dia. 32.0 Length 82.0	Fitting Dia. 110.0 Length 206.2 Flange Dia. 117.0 F/Dep. 10.0 F 1.2	1st 3.0H 2nd 2.0 Oil 5.0
4D30	100	4	ME999303	ME012115	ME011513	ME012010 ME012070 R20460
◎Truck Canter ◎Bus BE211 ,3298cc						
Piston :  Liner :				Length 110.6 Comp. Height 60.5 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 196.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 5.0

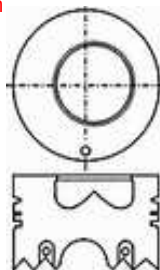
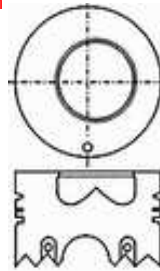
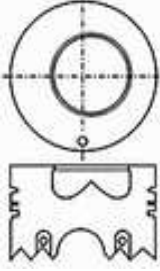
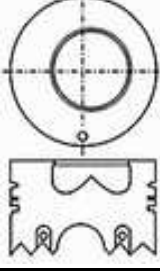
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D30J ©Truck Canter ©Bus BE211 ,3298cc	100	4	ME999303	ME012115	ME011513	ME012010 ME012070 R20460
Piston : Al-Fin Liner : 				Length 110.6 Comp. Height 60.5 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 196.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 5.0
4D31 ©Truck FE434 Canter,3298cc	100	4	ME999709	ME012145 ME012131	ME011604 ME011523	ME012010 ME012070 R20460
Piston : Round Combustion Chamber 52mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 191.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 5.0
4D31T ©Truck FE434 Canter,3298cc	100	4	ME999628	ME012155	ME011604 ME011523	ME012848 ME997396 ME997398 ME999783 R20441
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 191.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0
4D31T ©Truck FE434 Canter,3298cc	100	4	MFDKT6900	ME012858	ME011604 ME011523	ME012848 ME997396 ME997398 ME999783 R20441
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 191.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0

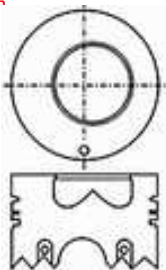
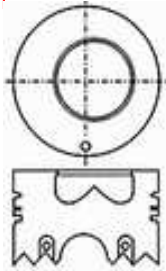
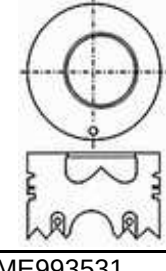
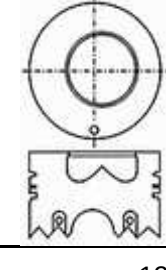
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D31T ©Truck FE434 Canter,3298cc	100	6	MFDKT6900	ME012858	ME011604 ME011523	ME012848 ME997396 ME997398 ME999783 R20441
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 104.0 Length 191.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0
S6KT	102.0	6	MHKT3410200	34317-10200	34307-00500 34307-00501	34317-19010 34317-19011 R20955
Piston : Alfin,Round Combustion Chamber 60mm Liner : 				Length 98.0 Comp. Height 58.0 Pin Dia. 34.0 Length 84.0	Fitting Dia. 105.0 Length 195.0 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0H Oil 4.0
S6KT	102.0	6	MHKT3420100	34317-20100	34307-00500 34307-00501	34317-19010 34317-19011 R20955
Piston : Alfin,Round Combustion Chamber 60mm Liner : 				Length 98.0 Comp. Height 58.0 Pin Dia. 34.0 Length 84.0	Fitting Dia. 105.0 Length 195.0 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0H Oil 4.0
4D32 ©Truck FE305,315,435 3567cc	104	4	ME997317	ME012174	ME012900	ME997318 ME999243 ME999641 R20515
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0

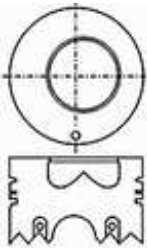
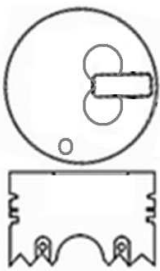
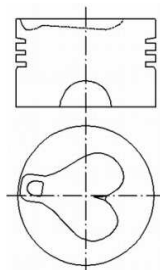
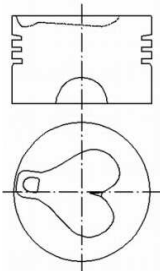
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D32 ©Truck FE305,315,435 3567cc	104	4	MFKT1827700	ME018277	ME012900	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 52mm Liner : 				Length 112.3 Comp. Height 62.3 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D32 ©Truck FE305,315,435 3567cc	104	4	MFKT1827400	ME018274	ME012900	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 52mm Liner : 				Length 110.7 Comp. Height 60.7 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D34 ©Truck FE439 3907cc	104	4	ME997329	ME012901	ME013366	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D34T ©Truck BE449,459,FE439 3907cc	104	4	ME997689	ME014160	ME013366	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0

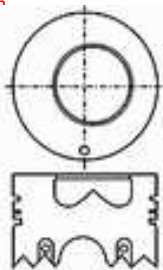
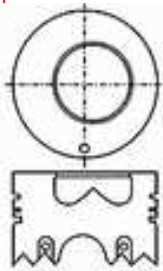
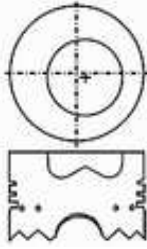
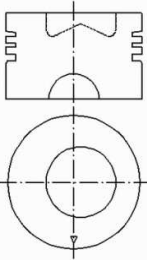
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D34T ©Truck BE449,459,FE439 3907cc	104	4	MFKT9723600	ME013325	ME013366	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 56mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D34T ©Truck BE449,459,FE439 3907cc	104	4	MFKT9500300	ME088990	ME013366	ME996566 ME997240 R20931
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D34T	104	4	MFKT2047000	ME220470 ME011143	ME013366	ME996566 ME997240 R20931
Piston : Alfin, Oil gallery,Round Combustion Chamber 49mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
6D34T	104	4	ME993531	ME220454	ME013366	ME996566 ME997240 R20931
Piston : Alfin,Oil gallery,Round Combustion Chamber 52mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 88.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0

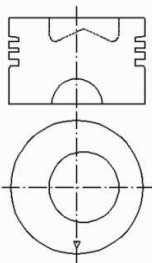
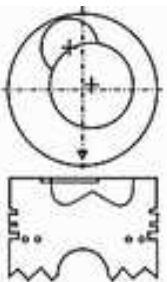
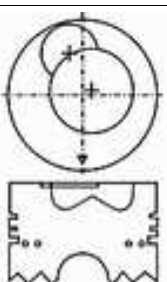
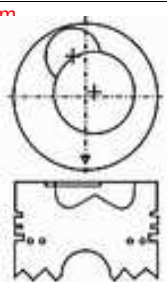
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D34T	104	4	MFKT8258400	ME082584 ME015262	ME013366	ME996566 ME997240 R20931
Piston : Alfin, Oil gallery, Round Combustion Chamber 53.5mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 36.0 Length 88.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
4D36	104	4	MFKT1828300	ME018283	ME013366	
Piston : Alfin, Liner : 				Length 110.6 Comp. Height 60.6 Pin Dia. 34.0 Length 84.0	Fitting Dia. 108.0 Length 197.5 Flange Dia. F/Dep. F	1st 2.8K 2nd 2.0 Oil 4.0
6D10	105	6	MFDKT0801	ME032300	ME031502 ME031041	ME032190 ME032326 R20023
◎Truck T654B, T654ZR, FK10-3, KK103 ◎Bus MK103H, MM504H, 6754cc Piston : 				Length 130.7 Comp. Height 70.7 Pin Dia. 38.0 Length 90.0	Fitting Dia. 119.0 Length 205.8 Flange Dia. 126.0 F/Dep. 10.0 F 1.3	1st 3.0H 2nd 2.0 Oil 5.0
6D11	105	6	MFDKT0901	ME032301	ME031505 ME031039	ME032190 ME032326 R20023
◎Truck T654B, T654ZR, FK10-3, KK103 ◎Bus MK103H, MM504H, 6754cc Piston : 				Length 130.7 Comp. Height 70.7 Pin Dia. 38.0 Length 90.0	Fitting Dia. 119.0 Length 228.3 Flange Dia. 126.0 F/Dep. 10.0 F 1.3	1st 3.0H 2nd 2.0 Oil 5.0

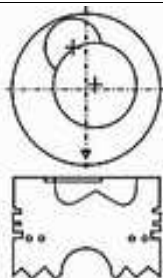
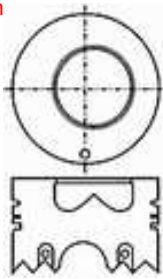
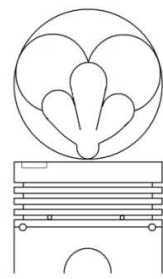
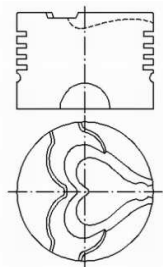
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D33 ©Truck FE437,447 4214cc	108	4	MFKT1289700	ME012897	ME013333	ME996378 ME999871 R20021
Piston : Alfin,Round Combustion Chamber 56mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 34.0 Length 84.0	Fitting Dia. 112.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0 2nd 2.0 Oil 4.0
4D33T ©Truck FE437,447 4214cc	108	4	MFKT1689500	ME016895 ME014287 ME018280	ME013333	ME996378 ME999871 R20021
Piston : Alfin,Round Combustion Chamber 54mm Liner : 				Length 112.2 Comp. Height 62.2 Pin Dia. 34.0 Length 84.0	Fitting Dia. 112.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0 2nd 2.0 Oil 4.0
4D35 ©Canter FE538,FE638 ,3907cc	110	4	MFKT1469300	ME014693 ME012941	ME013678	ME996628 R20845
Piston : Alfin & Oil Gallery ,Round Combustion Chamber 56mm Liner : 				Length 109.5 Comp. Height 59.7 Pin Dia. 36.0 Length 88.0	Fitting Dia. 114.0 Length 200.0 Flange Dia. F/Dep. F	1st 3.0 2nd 2.5 Oil 4.0
6D14 ©Truck FK615 ,6557cc	110	6	MFDKT5905	ME032626	ME031453 ME031456 ME031617 ME031508 ME031510	
Piston : Round Combustion Chamber 57mm Liner : 				Length 115.8 Comp. Height 70.8 Pin Dia. 38.0 Length 90.0	Fitting Dia. 112.0 Length 206.0 Flange Dia. 131.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0

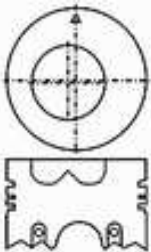
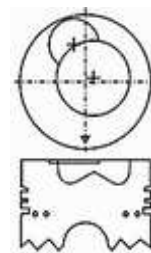
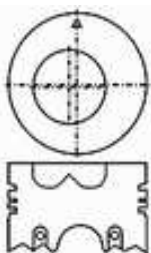
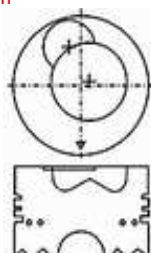
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D14 ©Truck FK615 ,6557cc	110	6	MFKT3221600	ME032216 ME032619	ME031453 ME031456 ME031617 ME031508 ME031510	
Piston : Round Combustion Chamber 61mm Liner :				Length 115.8 Comp. Height 70.8 Pin Dia. 38.0 Length 90.0	Fitting Dia. 112.0 Length 206.0 Flange Dia. 131.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D14T ©Truck FK615 ,FK415,515 ,6557cc	110	6	ME999115	ME032742	ME031453 ME031456 ME031617 ME031508 ME031510	ME997423 ME997439 R20026
Piston : Al-fin ,Round Combustion Chamber 61r Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 90.0	Fitting Dia. 112.0 Length 206.0 Flange Dia. 131.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D14T ©Truck FK615 ,FK415,515 ,6557cc	110	6	ME999115	ME032569	ME031453 ME031456 ME031617 ME031508 ME031510	ME997423 ME997439 R20026
Piston : Al-fin ,Round Combustion Chamber 62r Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 90.0	Fitting Dia. 112.0 Length 206.0 Flange Dia. 131.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D14-2AT 6557cc	110	6	ME999442	ME072022	ME071198	
Piston : Al-fin ,Round Combustion Chamber 57mm Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 90.0	Fitting Dia. 122.0 Length 211.0 Flange Dia. 131 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0

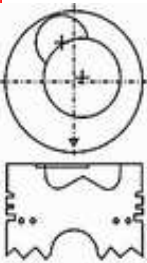
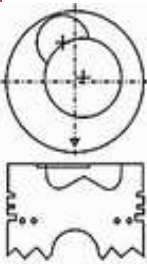
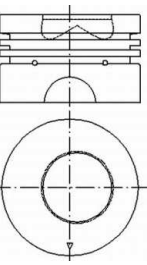
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
6D14-2AT 6557cc	110	6	ME997080	ME072170		ME071198			
Piston : Al-fin ,Round Combustion Chamber 57r Liner :				Length	116.1	Fitting Dia.	122.0	1st	3.0
				Comp. Height	71.1	Length	211.0	2nd	2.5
				Pin Dia.	38.0	Flange Dia.	131	Oil	4.0
				Length	90.0	F/Dep.	10.0		
						F	1.5		
6D14-3AT ©Bus MK115,115H,MM115,515,6557cc	110	6	ME997452	ME072047		ME071198		ME997465 R20933	
Piston : Al-fin ,Round Combustion Chamber 58m Liner :				Length	116.1	Fitting Dia.	122.0	1st	2.8K
				Comp. Height	71.1	Length	211.0	2nd	2.5
				Pin Dia.	38.0	Flange Dia.	131	Oil	4.0
				Length	90.0	F/Dep.	10.0		
						F	1.5		
6DB1 ©Truck T416,486,410D,331,337D©Bus B820J,MR520,410,470,450,MAR410,470 ,8550cc	110.0	6	30094-01100	30017-70102		30007-62200 ME040040		30017-75003 30017-71003 R20024	
Piston : Liner :				Length	139.5	Fitting Dia.	125.0	1st	3.5
				Comp. Height	77.5	Length	270.0	2nd	2.5
				Pin Dia.	40.0	Flange Dia.	135.0	3rd	2.5
				Length	95.0	F/Dep.	11.8	Oil	5.0
						F	1.5		
6DB1 ©Truck T416,486,410D,331,337D©Bus B820J,MR520,410,470,450,MAR410,470 ,8550cc	110.0	6	30094-02100 31194-00402	30017-90100 30017-82101		30007-62200 ME040040		30017-75003 30017-71003 R20024	
Piston : Liner :				Length	152.5	Fitting Dia.	125.0	1st	3.5
				Comp. Height	77.5	Length	270.0	2nd	2.5
				Pin Dia.	40.0	Flange Dia.	135.0	3rd	2.5
				Length	95.0	F/Dep.	11.8	Oil	5.0
						F	1.5		

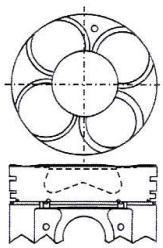
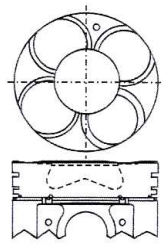
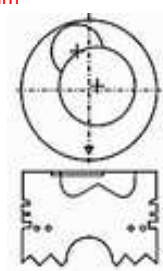
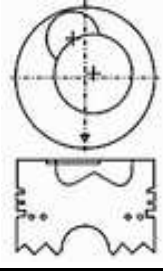
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D15 ©Truck FK116,216,FM316,M116,516,6919cc	113	6	MFDKT6301	ME032480 ME032593	ME031656 ME071041 ME071063	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 57mm Liner : 				Length 115.8 Comp. Height 70.8 Pin Dia. 38.0 Length 90.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D15 ©Truck FK116,216,FM316,M116,516,6919cc	113	6	MFDKT6201	ME032590	ME031656 ME071041 ME071063	ME032403 ME072306 R20911
Piston : Al-fin ,Valve Print, Round Combustion Chamber 57mm Liner : 				Length 115.8 Comp. Height 70.8 Pin Dia. 38.0 Length 90.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D15 ©Truck FK116,216,FM316,M116,516,6919cc	113	6	ME999033	ME032661	ME031656 ME071041 ME071063	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 58mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 90.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0
6D15T ©Truck FK116,216,FM316,M116,516,6919cc	113	6	MFDKT6002	ME032870	ME031656 ME071041 ME071063	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 59mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 90.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 3.0H 2nd 2.5 Oil 5.0

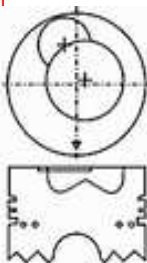
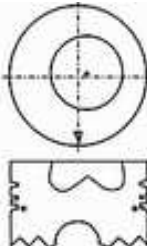
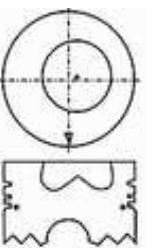
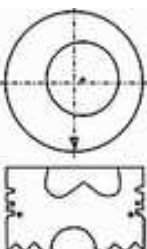
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D15-2AT ©Truck FK116,216,FM316,M116,516,6919cc	113	6	MFKT7245100	ME072451	ME071145 ME071090 ME047574	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 58mm Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 93.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 2.8K 2nd 2.5 Oil 5.0
6D15-3AT ©Truck FK116,216,FM316,M116,516,6919cc	113	6	MFKT9744300	ME072055	ME071145 ME071090 ME047574	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 58mm Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 93.0	Fitting Dia. 125.0 Length 206.0 Flange Dia. 133.0 F/Dep. 10.0 F 1.5	1st 2.8K 2nd 2.5 Oil 5.0
6D15-3AT 6919cc	113	6	ME997463	ME072321	ME071145 ME071090 ME047574	ME032403 ME072306 R20911
Piston : Al-fin ,Round Combustion Chamber 57mm Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 117.0 Length 206.0 Flange Dia. 125.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0
4M50T	114.0	4	MFKT2245320	ME224532		
PISTON:Al-fin ,MoS2 Coating , Head Anodized, Round Combustion Chamber 60mm Liner :				Length 99.2 Comp. Height 59.2 Pin Dia. 38.0 Length 93.0	Fitting Dia. 118.0 Length 200.0 Flange Dia. 124.0 F/Dep. 6.0 F 0.7	1st 3.0K 2nd 2.0 Oil 4.0

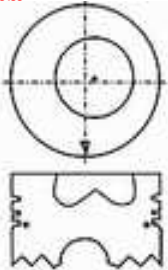
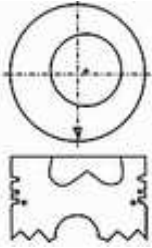
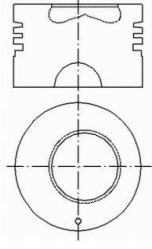
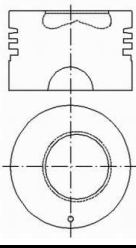
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4M51	118.0	4	MFKT2400470	ME240047 ME240316		
PISTON: Al-fin ,Round Combustion Chamber 52.6mm Liner : 				Length 99.0 Comp. Height 59.0 Pin Dia. 34.0 Length 84.0	Fitting Dia. 122.0 Length 190.0 Flange Dia. 127.0 F/Dep. 5.0 F	1st 3.0 2nd 2.0 Oil 3.0
4M51T	118.0	4	MFKT2416860	ME241686 ME241688		
PISTON: Al-fin, Oil Gallery, Round Combustion Chamber 59mm Liner : 				Length 99.0 Comp. Height 59.0 Pin Dia. 34.0 Length 83.5	Fitting Dia. 122.0 Length 190.0 Flange Dia. 127.0 F/Dep. 5.0 F	1st 3.0 2nd 2.0 Oil 4.0
6D16	118.0	6	MFDKT7400	ME072062	ME071224 ME071225 ME071228	ME999540 ME999955 R20281
©Fighter Truck FK617A,FK618 ,7545cc Piston : Al-fin ,Round Combustion Chamber 60mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 204.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0
6D16	118.0	6	ME997338	ME072000	ME071224 ME071225 ME071228	ME999540 ME999955 R20281
©Fighter Truck FK617A,FK618 ,7545cc Piston : Al-fin ,Round Combustion Chamber 60mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 204.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0

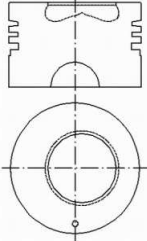
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D16 ©Fighter Truck FK617A,FK618 ,7545cc	118.0	6	ME997338	ME072324	ME071224 ME071225 ME071228	ME999540 ME999955 R20281
Piston : Al-fin ,Round Combustion Chamber 58mm Liner : 	Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 204.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0			
6D16T ©Truck Fighter FK617A,618,7545cc	118.0	6	ME999945 ME997446	ME072065 ME072067 ME072066	ME041102 ME041105 ME041107	ME996591 ME997467 R20213 R20143
Piston : Al-fin ,Round Combustion Chamber 62mm Liner : 	Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0			
6D16T	118.0	6	MFKT3001990 MFKT3002000	ME300199 ME300200	ME041102 ME041105 ME041107	ME996591 ME997467 R20213 R20143
Piston : Al-fin ,Oil Gallery Round Combustion Chamber 57mm Liner : 	Length 116.1 Comp. Height 71.1 Pin Dia. 42.0 Length 92.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0			
6D16-3AT	118.0	6	MFKT7257000	ME072570	ME041102 ME041105 ME041107	ME996591 ME997467 R20213 R20143
Piston : Al-fin , Oil Gallery, Round Combustion Chamber 56mm Liner : 	Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0			

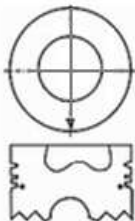
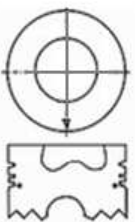
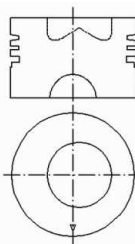
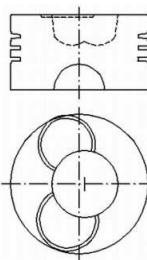
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D16-3AT	118.0	6	MFKT7260200	ME072602	ME041102 ME041105 ME041107	ME996591 ME997467 R20213 R20143
Piston : Al-fin ,Round Combustion Chamber 57mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0
6D16T	118.0	6	MFKT7254900	ME072549	ME041102 ME041105 ME041107	ME996591 ME997467 R20213 R20143
©Truck Fighter FK617A,618,7545cc Piston : Al-fin , Oil Gallery ,Round Combustion Chamber 53mm Liner : 				Length 116.1 Comp. Height 71.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0
6D17	118.0	6	ME997643	ME072394 ME072576	ME071225 ME071125	ME999540 ME999955 R20281
7545cc Piston :Al-fin ,tin plated,Round Combustion Chamber 59mm Liner : fully-finished,phosphated 				Length 111.2 Comp. Height 66.1 Pin Dia. 38.0 Length 92.0	Fitting Dia. 122.0 Length 210.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0
6D17T	118.0	6	MFKT7254800	ME072548	ME071225 ME071125	ME999540 ME999955 R20281
7545cc Piston :Al-fin , Oil Gallery ,tin plated,Round Combustion Chamber 53mm Liner : fully-finished,phosphated 				Length 111.2 Comp. Height 66.1 Pin Dia. 38.0 Length 93.0	Fitting Dia. 122.0 Length 210.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0

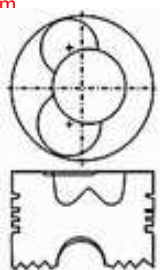
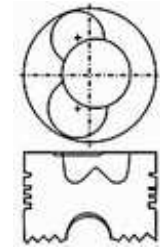
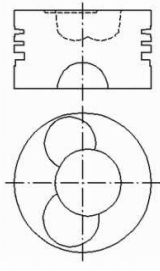
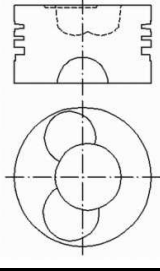
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D17 7545cc	118.0	6	MFKT7239600	ME072396	ME071225 ME071125	ME999540 ME999955 R20281
Piston : Al-fin , Oil Gallery, tin plated, Round Combustion Chamber 57mm Liner : fully-finished, phosphated 				Length 110.9 Comp. Height 66.0 Pin Dia. 38.0 Length 93.0	Fitting Dia. 122.0 Length 210.0 Flange Dia. 128.0 F/Dep. 8.0 F	1st 3.0 2nd 2.5 Oil 4.0
6M60	118	6	MFKT3194300	ME131943	ME041105 ME071937	
Piston : Al-fin OIL GALLERY & Head Anodized, Round Combustion Chamber 53mm Liner :				Length 116.1 Comp. Height 71.1 Pin Dia. 42.0 Length 93.0	Fitting Dia. 122.0 Length 210.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0
6M60T	118	6	MFKT3327100	ME133271 ME133274	ME041105 ME071937 ME071941	
Piston : Al-fin, OIL GALLERY, Valve Print, Round Combustion Chamber 53mm Liner :				Length 116.0 Comp. Height 71.0 Pin Dia. 38.0 Length 93.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0
6M60T	118	6	MFKT3327100	ME305671 ME305673	ME041105 ME071937 ME071941	
Piston : 2 Al-fin, OIL GALLERY, Skirt With MOS2, Bushing, Round Combustion Chamber 79mm Liner :				Length 116.0 Comp. Height 71.0 Pin Dia. 42.0 Length 93.0	Fitting Dia. 122.0 Length 206.0 Flange Dia. 128.0 F/Dep. 8.0 F 1.5	1st 2.8K 2nd 2.5 Oil 4.0

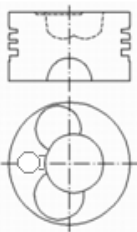
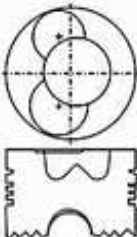
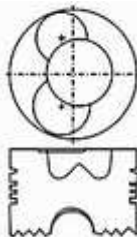
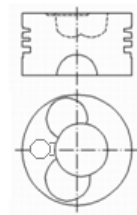
Liner Kit for **mitsubishi** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
6M61	118	6	MFKT3193700	ME131937		ME041105 ME071937 ME071941			
Piston : Al-fin ,OIL GALLERY Round Combustion Chamber 52mm Liner :				Length	111.1	Fitting Dia.	122.0	1st	3.0
				Comp. Height	66.1	Length	210.0	2nd	2.0
				Pin Dia.	38	Flange Dia.	128.0	Oil	4.0
				Length	93	F/Dep.	8.0	F	1.5
6M61	118	6		ME133180		ME041105 ME071937 ME071941			
Piston : Al-fin ,OIL GALLERY Round Combustion Chamber 53mm Liner :				Length	111.1	Fitting Dia.	122.0	1st	3.0
				Comp. Height	66.1	Length	210.0	2nd	2.0
				Pin Dia.	38	Flange Dia.	128.0	Oil	4.0
				Length	93	F/Dep.	8.0	F	1.5
6D20	125.0	6	MFDKT4501	30917-10103		30907-10500 MD051157 MD051553		30917-01012 R20029	
Piston : Al-fin ,Round Combustion Chamber 75mm Liner :				Length	158.0	Fitting Dia.	143.0	1st	4.0H
				Comp. Height	82.9	Length	261.3	2nd	3.0
				Pin Dia.	50.0	Flange Dia.	153.0	Oil	6.0
				Length	101.0	F/Dep.	11.5	F	1.3
6D20	125.0	6	ME999317	ME052264 ME052090 ME052469		30907-10500 MD051157 MD051553		ME052145 R20033	
©Truck NP117JD,FP117FD,FD217R,K202,FP117,K202 ©Bus MP117H,MP517,MP117,517, 10308cc									
Piston : Al-fin ,Round Combustion Chamber 75mm Liner :				Length	158.0	Fitting Dia.	143.0	1st	3.3K
				Comp. Height	82.9	Length	261.3	2nd	3.0
				Pin Dia.	50.0	Flange Dia.	153.0	Oil	6.0
				Length	101.0	F/Dep.	11.5	F	1.3

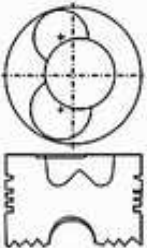
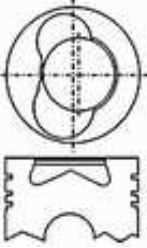
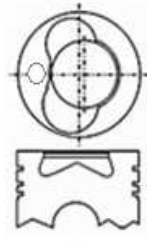
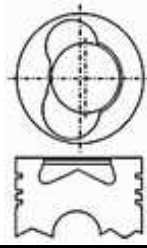
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D22 ©Truck FP308,MP518 ,11149cc	130.0	6	MFDKT4302 ME997018	ME052447	ME051217 ME051500 ME051501 ME051502 ME051503	ME052124 30917-20010 R20035
Piston : Al-fin ,Round Combustion Chamber 69mm Liner : 				Length 158.0 Comp. Height 82.9 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.3K 2nd 3.0 Oil 6.0
6D22 ©Truck FP308,MP518 ,11149cc	130.0	6	ME997306	ME052939	ME051217 ME051500 ME051501 ME051502 ME051503	ME052124 30917-20010 R20035
Piston : Al-fin ,Round Combustion Chamber 68.5mm Liner : 				Length 158.0 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.3K 2nd 3.0 Oil 4.0
6D22T	130.0	6	ME999594	ME052540 ME052664	ME051217 ME051500 ME051501 ME051502 ME051503	ME052124 30917-20010 R20035
Piston : Al-fin ,Round Combustion Chamber 82mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.3K 2nd 3.0 Oil 6.0
6D22T	130.0	6	MFKT5273000	ME052730	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin ,Round Combustion Chamber 82mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0

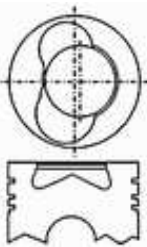
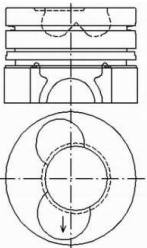
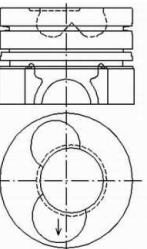
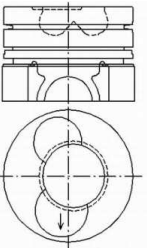
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D22T 3V	130.0	6	MFKT5013200	ME150132	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin ,Round Combustion Chamber 80mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D22-2AT	130.0	6	ME997122	ME052983	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
©Truck FP308,MP118,MP518 ,11149cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 80mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D22-3AT	130.0	6	ME997031	ME052792	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
©Truck FP308,MP118,MP518 ,11149cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 79mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D22-3AT 3V	130.0	6	MFKT5281800	ME052818	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
©Truck FP308,MP118,MP518 ,11149cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 79mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0

Liner Kit for **MITSUBISHI** engines

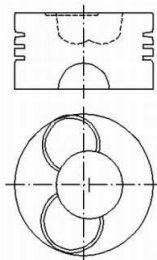
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D22T	130.0	6		23411-83411	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin ,Round Combustion Chamber 67mm Liner : 				Length 158.2 Comp. Height 83.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24	130.0	6	MFKT5140900	ME151409	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
11945cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 69mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24 3V	130.0	6	MFKT5141600	ME151416	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
11945cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 69mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24	130.0	6	MFKT5064200	ME150642	ME051217 ME051500 ME051501 ME051502 ME051503	ME052996 ME999136
11945cc Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 67mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.0 2nd 3.0 Oil 4.0

Liner Kit for **MITSUBISHI** engines

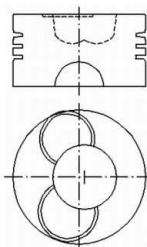
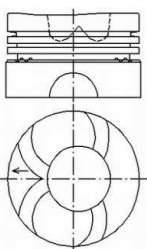
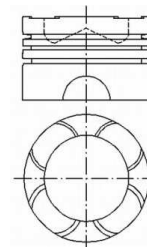
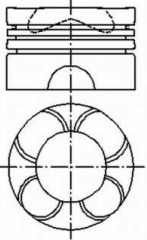
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6D24 11945cc	130.0	6	ME996153	ME151395 ME152375	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin ,Round Combustion Chamber 69mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24T 11945cc	130.0	6	ME996470	ME158096	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin & Oil Gallery , Round Combustion Chamber 69mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24T 11945cc	130.0	6	ME995027	ME152652 ME152654	ME051217 ME051500 ME051501 ME051502 ME051503	ME052889 ME052893 R20081 R20763
Piston : Al-fin & Oil Gallery , Round Combustion Chamber 66mm Liner : 				Length 153.2 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 3.0 Oil 4.0
6D24T 11945cc	130.0	6	MFKT5308100	ME153081	ME051217 ME051500 ME051501 ME051502 ME051503	ME995636
Piston : Al-fin ,Tin Plated,Head Anodized & Oil Gallery ,Round Combustion Chamber 65mm Liner : 				Length 125.1 Comp. Height 78.1 Pin Dia. 50.0 Length 106.0	Fitting Dia. 147.0 Length 261.8 Flange Dia. 156.0 F/Dep. 11.5 F 1.8	1st 3.306K 2nd 2.5 Oil 4.0

Liner Kit for **mitsubishi** engines

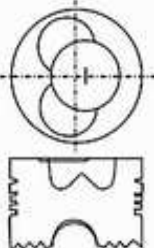
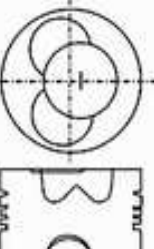
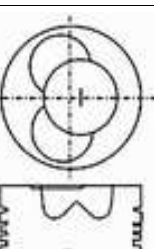
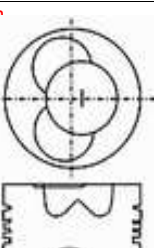
ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6DC2	130.00	6	31294-51015	31117-14102 31117-14103	31207-43402 ME061158	
PISTON: LINER:				Length 145.0 Comp. Height 80.3 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.00 Length 229.30 Flange Dia. 157.00 F/Dep. 11.80 F	1st 4.0H 2nd 3.0 Oil 6.0
8DC2 8DC20A	130.00	8	31294-51015	31117-14102 31117-14103	31207-43402 ME061158	
PISTON: LINER:				Length 145.0 Comp. Height 80.3 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.00 Length 229.30 Flange Dia. 157.00 F/Dep. 11.80 F	1st 4.0H 2nd 3.0 Oil 6.0
8DC2N 8DC20W	130.00	8	ME999331	31217-77101	31207-43402 ME061158	
PISTON: LINER:				Length 145.0 Comp. Height 80.3 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.00 Length 229.30 Flange Dia. 157.00 F/Dep. 11.80 F	1st 4.0H 2nd 3.0 Oil 6.0
8DC4	130.0	8	ME999145	ME062273	ME062526 31207-43401 31207-72503 31207-72603 31207-72604	ME062298 R20036
©Truck T811P,901FD,NV112,FV313 ©Bus B806L.K.N,B905N,NA,B805N,NA,MS512N,512NA,MS512,13273cc Piston : Al-Fin,Round Combustion Chamber 72mm Liner :				Length 145.5 Comp. Height 80.5 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.0 Length 229.3 Flange Dia. 157.0 F/Dep. 11.8 F 1.3	1st 4.0H 2nd 3.0 Oil 6.0



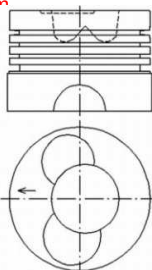
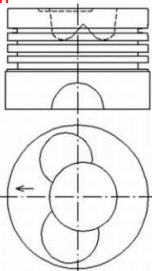
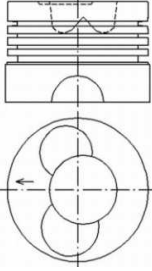
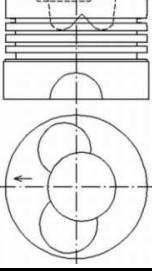
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC4 ©Truck T811P,901FD,NV112,FV313 ©Bus B806L.K.N, B905N,NA,B805N,NA,MS512N, 512NA,MS512 ,13273cc	130.0	8	31294-51013-L 31294-51023-R	31217-56104-L 31217-50106-R	ME062526 31207-43401 31207-72503 31207-72603 31207-72604	ME062298 R20036
Piston : Al-Fin,Round Combustion Chamber 73mm Liner : 				Length 145.5 Comp. Height 80.5 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.0 Length 229.3 Flange Dia. 157.0 F/Dep. 11.8 F 1.3	1st 4.0H 2nd 3.0 Oil 6.0
8DC7 ©Truck T811P,901FD,NV112,FV313 ©Bus B806L.K.N,B905N,NA,B805N,NA,MS512N,512NA,MS512 ,13273cc	130.0	8	ME999147	ME062280	ME062526 31207-43401 31207-72503 31207-72603 31207-72604	ME062117 31217-02010 ME062109 R20037
Piston : Al-fin,Tin Plated,Round Combustion Chamber 73mm Liner : 				Length 143.0 Comp. Height 78.0 Pin Dia. 45.0 Length 108.0	Fitting Dia. 147.0 Length 229.3 Flange Dia. 157.0 F/Dep. 11.8 F 1.3	1st 4.0H 2nd 3.0 Oil 6.0
6D40 11945cc	135.0	6	ME997307	ME120533 ME120684	ME120028	
Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 90mm Liner : 				Length 157.5 Comp. Height 82.6 Pin Dia. 55.0 Length 109.0	Fitting Dia. 140.0 Length 261.0 Flange Dia. 149.0 F/Dep. 9.0 F 1.3	1st 3.3K 2nd 3.0 Oil 4.0
6D40T 11945cc	135.0	6	ME995624	ME121199	ME120028	
Piston : Al-fin & Oil Gallery ,Round Combustion Chamber 72mm Liner : 				Length 157.5 Comp. Height 82.6 Pin Dia. 55.0 Length 109.0	Fitting Dia. 140.0 Length 261.0 Flange Dia. 149.0 F/Dep. 9.0 F 1.3	1st 3.306K 2nd 3.0 Oil 4.0

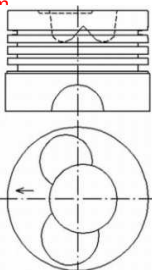
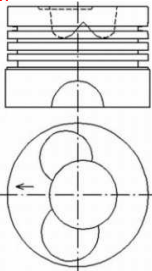
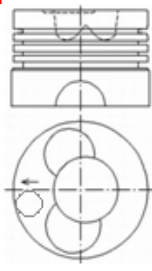
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC8 14886cc	135.0	8	ME999148	ME062287	31207-63202 31207-62200	
Piston : Al-Fin,Round Combustion Chamber 75mm Liner : 				Length 143.0 Comp. Height 78.0 Pin Dia. 45.0 Length 108.0	Fitting Dia. 154.0 Length 229.3 Flange Dia. 163.0 F/Dep. 11.8 F 1.3	1st 4.0H 2nd 3.0 Oil 6.0
8DC81 ©FT,FJ,FV ,14886cc	135.0	8	MFDKT4601	ME062422	ME061036 ME062597 31207-72104 31207-72183	ME062022 ME062246 ME065684 R20042
Piston : Al-Fin,Round Combustion Chamber 73m Liner :Water Jacket Chromed 				Length 143.1 Comp. Height 78.1 Pin Dia. 45.0 Length 108.0	Fitting Dia. 154.0 Length 229.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 Oil 6.0
8DC82 14886cc	135.0	8	MFDKT6330	ME062589	ME061036 ME062597 31207-72104 31207-72183	ME062022 ME062246 ME065684 R20042
Piston : Al-Fin,Round Combustion Chamber 71m Liner :Water Jacket Chromed 				Length 143.1 Comp. Height 78.1 Pin Dia. 45.0 Length 108.0	Fitting Dia. 154.0 Length 229.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 Oil 6.0
8DC82 14886cc	135.0	8	ME997013	ME090719 ME090717	ME061036 ME062597 31207-72104 31207-72183	ME062022 ME062246 ME065684 R20042
Piston : Al-Fin,Round Combustion Chamber 71mm Liner :Water Jacket Chromed 				Length 143.1 Comp. Height 78.1 Pin Dia. 45.0 Length 108.0	Fitting Dia. 154.0 Length 229.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 Oil 4.0

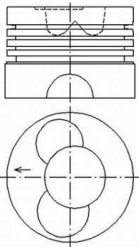
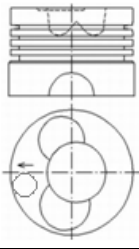
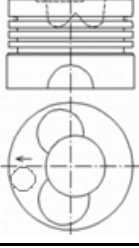
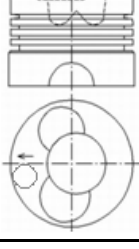
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (mm)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC9 ©Tractor FP215,FV215 ,16031cc	135.0	8	MFDKT5604	ME062408	ME062379 ME062602 ME062603 ME062604 ME061782	ME062018 ME062230 R20043
Piston : Al-Fin,Round Combustion Chamber 75mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 6.0
8DC9T ©Tractor FP215,FV215 ,16031cc	135.0	8	ME999435	ME062684	ME062379 ME062602 ME062603 ME062604 ME061782	ME062018 ME062230 R20043
Piston : Al-Fin,Round Combustion Chamber 77mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 6.0
8DC91 ©Tractor FP215,FV215 ,16031cc	135.0	8	ME999507	ME062336	ME062379 ME062602 ME062603 ME062604 ME061782	ME062018 ME062230 R20043
Piston : Al-Fin,Round Combustion Chamber 73mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 6.0
8DC91 8DC92A ©Truck FT315,FV315,FU315,FS313,FP315,FW125©Bus MS615,16031cc	135.0	8	ME997303	ME091048 ME090163	ME062379 ME062602 ME062603 ME062604 ME061782	ME090578 R20044
Piston : Al-Fin,Round Combustion Chamber 73mm Liner :Water Jacket Chromed 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0

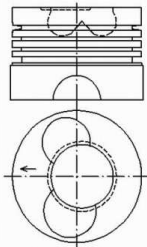
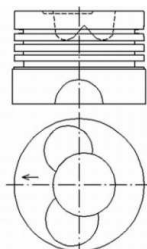
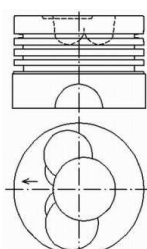
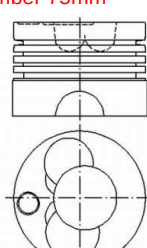
Liner Kit for **mitsubishi** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING	
8DC91T 16031cc	135.0	8	MFKT9141900	ME091419	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Round Combustion Chamber 77mm Liner :Water Jacket Chromed					Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC91T 16031cc	135.0	8	ME997134	ME090166	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Round Combustion Chamber 79mm Liner :Water Jacket Chromed					Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC91TN 3V 16031cc	135.0	8	MFKT9292200	ME092922	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Round Combustion Chamber 79mm Liner :Water Jacket Chromed					Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC9T2 3V 16031cc	135.0	8	ME996212	ME093526	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 61mm Liner :Water Jacket Chromed					Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0

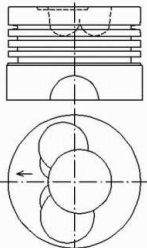
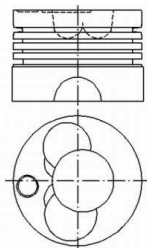
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING	
8DC9T2 16031cc	135.0	8	MFKT9771400	ME091311	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 79mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8DC9T2 3V 16031cc	135.0	8	MFKT9771400	ME091312	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 79mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8DC9T2 3V 16031cc	135.0	8	ME997720	ME090167	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 79mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8DC9T2 3V 16031cc	135.0	8	MFKT9771400	ME091312	ME062379 ME062602 ME062603 ME062604 ME061782		
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 79mm Liner :Water Jacket Chromed 				Length 153.0 Comp. Height 88.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	

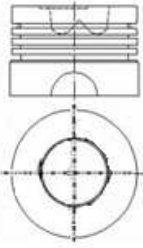
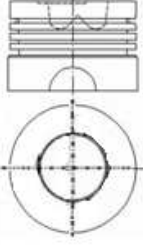
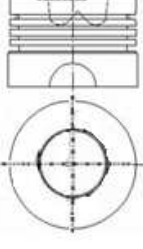
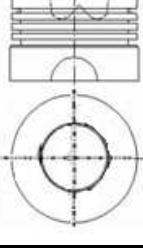
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC93 16031cc	135.0	8	ME996209	ME093424	ME062379 ME062602 ME062603 ME062604 ME061782	
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 61mm Liner :Water Jacket Chromed 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC10	138.0	8	ME997029	ME091049 ME090230	ME062783	ME065717 ME999510 R20571
Piston : Al-fin,Tin Plated,Round Combustion Chamber 74mm Liner : 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 259.7 Flange Dia. 163.0 F/Dep. 11.8 F 1.7	1st 3.306K 2nd 3.0 3rd 3.0 Oil 4.0
8DC11 ©KS,FUSO,KC-FV ,16752cc	142.0	8	ME997305	ME091050	ME060439 ME060440 ME060441	ME090586 ME999990 R20047
Piston : Al-Fin,Round Combustion Chamber 75mm Liner : Phosphated,water jacket Chromed. 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 157.7 Flange Dia. 163.0 F/Dep. 201.3 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC11-3V ©KS,FUSO,KC-FV ,16752cc	142.0	8	ME999989	ME090165	ME060439 ME060440 ME060441	
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 75mm Liner : Phosphated,water jacket Chromed. 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 157.7 Flange Dia. 163.0 F/Dep. 201.3 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0

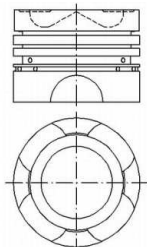
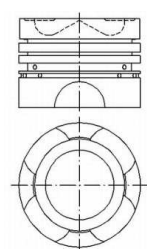
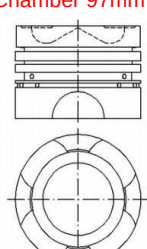
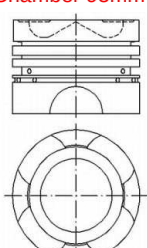
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
8DC11 ©KS,FUSO,KC-FV ,16752cc	142.0	8	ME996210	ME093426	ME060439 ME060440 ME060441	
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 63mm Liner : Phosphated,water jacket Chromed. 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 157.7 Flange Dia. 163.0 F/Dep. 201.3 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
8DC11-3V ©KS,FUSO,KC-FV ,16752cc	142.0	8	MFKT9342700	ME093427	ME060439 ME060440 ME060441	
Piston : Al-Fin,Tin Plated,Round Combustion Chamber 63mm Liner : Phosphated,water jacket Chromed. 				Length 153.1 Comp. Height 88.1 Pin Dia. 50.0 Length 112.0	Fitting Dia. 154.0 Length 157.7 Flange Dia. 163.0 F/Dep. 201.3 F 1.7	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0
6M70	135.0	8		ME351863 ME351865	ME120028	
Piston : 2 Al-Fin,Head Anodized, Round Combustion Chamber 90mm Liner :				Length 151.9 Comp. Height 76.9 Pin Dia. 55.0 Length 109.0	Fitting Dia. 140.0 Length 261.0 Flange Dia. 149.0 F/Dep. 9.0 F 1.5	1st 3.306K 2nd 2.5 Oil 4.0
6M70	135.0	8	MFKT1811270	ME181127	ME120028	
Piston : 2 Al-Fin,Head Anodized, Round Combustion Chamber 92mm Liner :				Length 151.9 Comp. Height 76.9 Pin Dia. 50.0 Length 106.0	Fitting Dia. 140.0 Length 261.0 Flange Dia. 149.0 F/Dep. 9.0 F 1.5	1st 3.306K 2nd 2.5 Oil 4.0

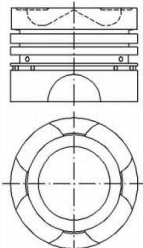
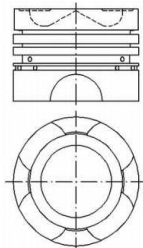
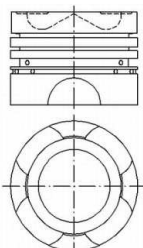
Liner Kit for **MITSUBISHI** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING	
8M20	146	8	ME997879	ME160286	ME163189 ME160286		
Piston : Al-Fin,Round Combustion Chamber 77mm Liner : 				Length 147.7 Comp. Height 82.7 Pin Dia. 50 Length 112	Fitting Dia. 171.0 Length 258.5 Flange Dia. 177.5 F/Dep. 12.0 F 1.5	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8M20	146	8		ME161112	ME163189 ME160286		
Piston : Al-Fin,Round Combustion Chamber 69mm Liner : 				Length 147.7 Comp. Height 82.7 Pin Dia. 50.0 Length 112.0	Fitting Dia. 171.0 Length 258.5 Flange Dia. 177.5 F/Dep. 12.0 F 1.5	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8M21	150	8	MFKT6389700	ME161300 ME163897	ME161300		
Piston :Al-Fin,Round Combustion Chamber 71mm Liner : 				Length 147.7 Comp. Height 82.7 Pin Dia. 50.0 Length 112.0	Fitting Dia. 171.0 Length 258.5 Flange Dia. 177.5 F/Dep. 12.0 F 1.5	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	
8M22	150	8		ME163189	ME161300		
Piston :Al-Fin,Round Combustion Chamber 73mm Liner : 				Length 147.6 Comp. Height 82.6 Pin Dia. 50.0 Length 118.0	Fitting Dia. 171.0 Length 258.5 Flange Dia. 177.5 F/Dep. 12.0 F 1.5	1st 3.3K 2nd 3.0 3rd 3.0 Oil 4.0	

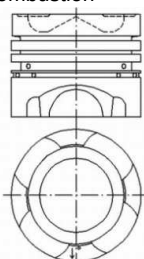
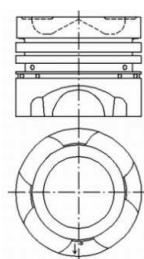
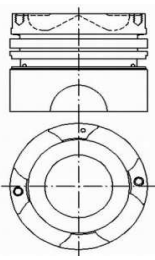
Liner Kit for **MITSUBISHI HEAVY & MARINE** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6B2-F	132.90	6		34A17-35200					
PISTON:Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber 95mm LINER: 				Length 144.8		Fitting Dia. 152.15	1st	4.0K	
				Comp. Height 79.8		Length 280.5	2nd	3.0H	
				Pin Dia. 55.0		Flange Dia. 162.75	Oil	4.0	
				Length 111.5		F/Dep. 12.2			
						F 1.5			
S6B3-F	132.90	6		36617-55200					
PISTON:Al-fin,Round Combustion Chamber 101mm LINER: 				Length 144.8		Fitting Dia. 152.15	1st	4.0K	
				Comp. Height 79.8		Length 280.5	2nd	3.0H	
				Pin Dia. 55.0		Flange Dia. 162.75	Oil	4.0	
				Length 111.5		F/Dep. 12.2			
						F 1.5			
S6B	135.0	6	MFKT3630700	36217-30700	36207-12100	36217-14010 R20900			
12880cc									
Piston :Al-fin,Head Anodized,Round Combustion Chamber 97mm Liner : 				Length 152.8		Fitting Dia. 154.0	1st	4.0H	
				Comp. Height 87.8		Length 268.5	2nd	3.0	
				Pin Dia. 50.0		Flange Dia. 163.0	Oil	6.0	
				Length 112.0		F/Dep. 12.0			
						F 1.5			
S6B2	135.0	6	MFKT3670700	36217-50700 36217-70700	36217-70700	36217-17010			
Piston :Al-fin,Head Anodized,Round Combustion Chamber 95mm Liner : 				Length 152.8		Fitting Dia. 156.0	1st	4.0H	
				Comp. Height 87.8		Length 272.2	2nd	3.0	
				Pin Dia. 55.0		Flange Dia. 162.8	Oil	6.0	
				Length 111.5		F/Dep. 12.0			
						F 1.5			

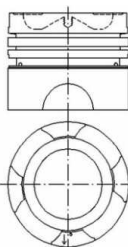
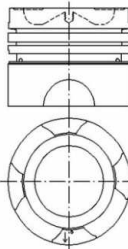
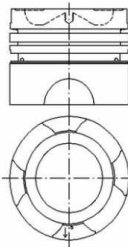
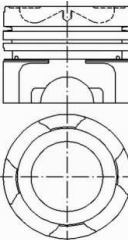
Liner Kit for **MITSUBISHI HEAVY & MARINE** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
S6B2T	135.0	6	MFKT3667100	36217-67100	36217-70700	
Piston : Al-fin, Head Anodized, Round Combustion Chamber 95mm Liner : 				Length 152.8 Comp. Height 87.8 Pin Dia. 55.0 Length 111.5	Fitting Dia. 156.0 Length 272.2 Flange Dia. 162.8 F/Dep. 12.0 F 1.5	1st 4.0H 2nd 3.0 Oil 6.0
S6B3	135.0	6	MFKT3400200	34A17-00200 34A17-00400	34A07-22100	34A17-R20181
14600cc Piston : Al-fin, Oil Gallery, Head Anodized, Round Combustion Chamber 95mm Liner : 				Length 144.8 Comp. Height 79.8 Pin Dia. 55.0 Length 111.5	Fitting Dia. 156.0 Length 272.2 Flange Dia. 162.8 F/Dep. 12.0 F 1.5	1st 4.0K 2nd 3.0H Oil 4.0
S6B3	135.0	6	MFKT3400200	34A17-00200 34A17-00400	34A07-42100	34A17-R20181
14600cc Piston : Al-fin, Oil Gallery, Head Anodized, Round Combustion Chamber 95mm Liner : 				Length 144.8 Comp. Height 79.8 Pin Dia. 55.0 Length 111.5	Fitting Dia. 156.0 Length 272.2 Flange Dia. 162.8 F/Dep. 12.0 F 1.5	1st 4.0K 2nd 3.0H Oil 4.0
S6A1	145.0	6	MFKT3260400	32517-60400	32507-12100	32517-11010 R20048
Piston : Al-fin, Tin Plated, Head Anodized, Round Combustion Chamber 104.8mm Liner :				Length 161.7 Comp. Height 99.7 Pin Dia. 55.0 Length 112.0	Fitting Dia. 165.0 Length 300.5 Flange Dia. 176.0 F/Dep. 12.0 F 1.5	1st 4.4H 2nd 2.92H Oil 6.0

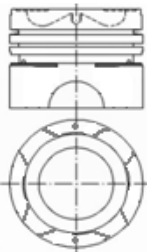
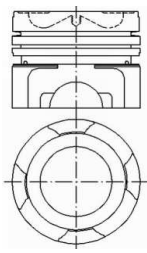
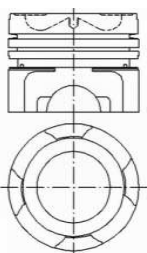
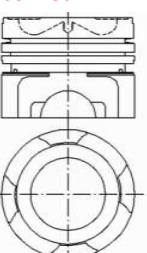
Liner Kit for **mitsubishi Heavy & Marine** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6A S12A	145.0	6	MFKT3260200	32517-60200		32507-12100		32517-11010 R20048	
Piston : Al-fin,Tin Plated,Head Anodized,Round Combustion Chamber 105mm Liner : 				Length	161.7	Fitting Dia.	165.0	1st	4.4H
				Comp. Height	99.7	Length	300.5	2nd	2.92H
				Pin Dia.	55.0	Flange Dia.	176.0	Oil	6.0
				Length	111.5	F/Dep.	12.0		
						F	1.5		
S6A S12A	145.0	6	MFKT3260200	32517-40100		32507-12100		32517-11010 R20048	
Piston : Al-fin,Tin Plated,Round Combustion Chamber 105mm Liner : 				Length	161.7	Fitting Dia.	165.0	1st	4.4H
				Comp. Height	99.7	Length	300.5	2nd	2.92H
				Pin Dia.	55.0	Flange Dia.	176.0	Oil	6.0
				Length	111.5	F/Dep.	12.0		
						F	1.5		
S6A2	150.0	6	MFKT3291100	32517-91100		32507-22400		32517-07010	
Piston :Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber 110mm Liner : 				Length	161.7	Fitting Dia.	171.5	1st	4.4H
				Comp. Height	99.7	Length	300.5	2nd	2.92H
				Pin Dia.	58.0	Flange Dia.	181.0	Oil	6.0
				Length	124.0	F/Dep.	12.0		
						F	1.5		
S6A2 S12A2	150.0	6 12	MFKT3291100	32517-91100		32507-12200			
Piston :Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber 110mm Liner : 				Length	161.7	Fitting Dia.	162.5	1st	4.4H
				Comp. Height	99.7	Length	300.5	2nd	2.92H
				Pin Dia.	58.0	Flange Dia.	181.0	Oil	6.0
				Length	124.0	F/Dep.	12.0		
						F	1.5		

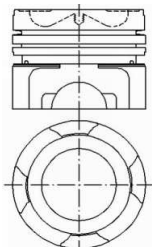
Liner Kit for **mitsubishi Heavy & Marine** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6A3	150.0	6	MFKT3530100	35A17-30100		35A07-12300			
Piston : Al-fin,Oil Gallery,Round Combustion Chamber 110mm Liner :				Length	154.2	Fitting Dia.	171.5	1st	2.9K
				Comp. Height	92.2	Length	298.7	2nd	2.45H
				Pin Dia.	58.0	Flange Dia.	181.0	Oil	5.0
				Length	124.0	F/Dep.	15.0	F	1.5
S6A3	150.0	6	MFKT3530100	35A17-30100		35A07-42300			
Piston : Al-fin,Oil Gallery,Round Combustion Chamber 110mm Liner :				Length	154.2	Fitting Dia.	162.5	1st	2.9K
				Comp. Height	92.2	Length	298.7	2nd	2.45H
				Pin Dia.	58.0	Flange Dia.	181.0	Oil	5.0
				Length	124.0	F/Dep.	12.0	F	1.5
S6A3	150.0	6	MFKT3530100	35A17-30100		35A07-42300			
Piston : Al-fin,Oil Gallery,Round Combustion Chamber 110mm Liner :				Length	154.2	Fitting Dia.	171.5	1st	2.9K
				Comp. Height	92.2	Length	298.7	2nd	2.45H
				Pin Dia.	58.0	Flange Dia.	181.0	Oil	5.0
				Length	124.0	F/Dep.	12.0	F	1.2
S6N	160	6	MFKT3744100	37117-44100		37107-12100		37117-04011	
Piston :Al-fin,Round Combustion Chamber 121mm Liner :				Length	185.0	Fitting Dia.	180.0	1st	3.62K
				Comp. Height	120.0	Length	350.0	2nd	3.57K
				Pin Dia.	65.0	Flange Dia.	190.0	Oil	6.0
				Length	133.0	F/Dep.	12.0	F	1.5

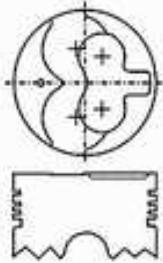
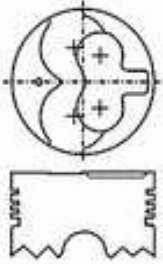
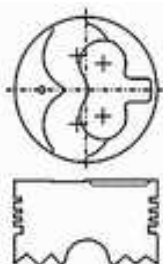
Liner Kit for **mitsubishi Heavy & Marine** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6N	160	6	MFKT3726100	37117-26100		37107-12100		37117-04011	
Piston :Al-fin,Round Combustion Chamber 122mm Liner :						Fitting Dia. 180.0 Length 350.0 Flange Dia. 190.0 F/Dep. 12.0 F 1.5		1st 3.62K 2nd 3.57K Oil 6.0	
S6N2	160	6	MFKT3773200	37117-73200		37107-12100		37117-04011	
Piston :Al-fin,4 Valve Print, Oil Gallery Round Combustion Chamber 121mm Liner :						Fitting Dia. 180.0 Length 350.0 Flange Dia. 190.0 F/Dep. 12.0 F 1.5		1st 3.62K 2nd 3.57K Oil 6.0	
S6R	170.0	6		37517-20100 37517-30100		37507-02600 37507-82600			
Piston :Al-fin,Oil Gallery,Round Combustion Chamber 130mm Liner :						Fitting Dia. 192.0 Length 351.0 Flange Dia. 204.0 F/Dep. 14.0 F 2.0		1st 3.62K 2nd 3.57K Oil 5.0	
S6R2	170.0	6	MFKT3725100	37517-25100		37507-55600			
30000cc									
Piston :Al-fin,Oil Gallery,Round Combustion Chamber 130mm Liner :						Fitting Dia. 192.0 Length 391.0 Flange Dia. 204.0 F/Dep. 14.0 F 2.0		1st 3.62K 2nd 3.57K Oil 5.0	

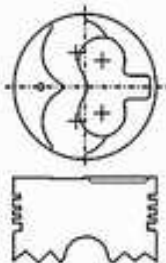
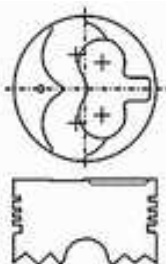
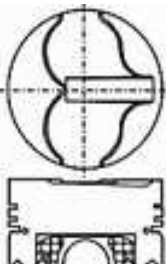
Liner Kit for **MITSUBISHI HEAVY & MARINE** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
S6R2F	160.0	6	MFKT3718500	37517-18500 37517-48500		37507-28200 37517-48500			
Piston :Al-fin,Oil Gallery Round Combustion Chamber 124.8mm Liner :				Length	185.0	Fitting Dia.	191.0	1st	3.62K
				Comp. Height	120.0	Length	391.0	2nd	3.57K
				Pin Dia.	70.0	Flange Dia.	204.0	Oil	5.0
				Length	130.0	F/Dep.	14.0		
						F	2.0		

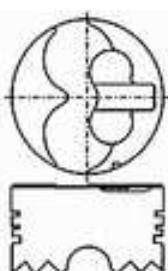
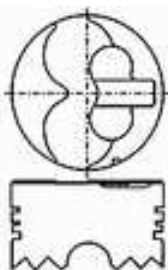
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
SD22 83.0 4 NDDKT2301 ©Cedric Q130,Q230,Q330,2164cc				12010-J5310 12010-J5312		11012-76200 11012-76201		12033-76202 12033-76203 12033-V1310 12033-Y1400 R23050	
Piston :Non-Alfin Liner : Semi Finished/Final Finished.				Length 96.0 Comp. Height 48.0 Pin Dia. 26.0 Length 72.0	Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 3rd 2.0 Oil 4.0 Oil 4.0			
SD22 83.0 4 NDKT8111R0 ©Cedric Q130,Q230,Q330,2164cc				12010-R8110 12010-R8111		11012-76200 11012-76201		12033-R8100 12033-R8103 12033-R8104 12033-R8110 R23050	
Piston :Non-Alfin Liner : Semi Finished/Final Finished.				Length 90.0 Comp. Height 48.0 Pin Dia. 26.0 Length 72.0	Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 Oil 4.5			
SD22 83.0 4 NDKT8701C0 ©Cedric Q130,Q230,Q330,2164cc				12010-C8701 12010-C8602		11012-76200 11012-76201		12033-R8100 12033-R8103 12033-R8104 12033-R8110 R23050	
Piston :Al-fin Liner : Semi Finished/Final Finished.				Length 80.2 Comp. Height 48.2 Pin Dia. 26.0 Length 71.0	Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F	1st 2.5H 2nd 2.0 Oil 4.0			
SD33 83.0 6 NDKT5310J0 ©Cedric Q130,Q230,Q330,2164cc				12010-J5310 12010-J5312		11012-76200 11012-76201		12033-76202 12033-76203 12033-V1310 12033-Y1400 R23050	
Piston :Non-Alfin Liner : Semi Finished/Final Finished.				Length 96.0 Comp. Height 48.0 Pin Dia. 26.0 Length 72.0	Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 3rd 2.0 Oil 4.0 Oil 4.0			

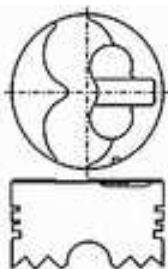
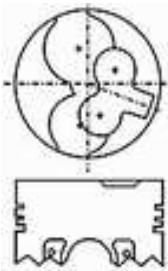
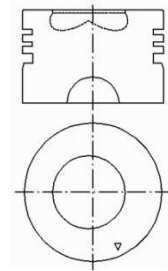
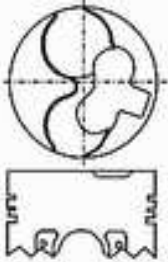
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
SD33 ©Cedric Q130,Q230,Q330,2164cc	83.0	6	NDKT8111R0	12010-R8110 12010-R8111		11012-76200 11012-76201		12033-R8100 12033-R8103 12033-R8104 12033-R8110 R23050	
Piston :Non-Alfin Liner : Semi Finished/Final Finished.				Length 90.0 Comp. Height 48.0 Pin Dia. 26.0 Length 72.0		Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F		1st 2.5 2nd 2.0 Oil 4.5	
SD33T ©Cedric Q130,Q230,Q330,2164cc	83.0	6	NDKT8701C0	12010-C8701 12010-C8602		11012-76200 11012-76201		12033-R8100 12033-R8103 12033-R8104 12033-R8110 R23050	
Piston :Al-fin Liner : Semi Finished/Final Finished.				Length 80.2 Comp. Height 48.2 Pin Dia. 26.0 Length 71.0		Fitting Dia. 87.0 Length 176.0 Flange Dia. 93.0 F/Dep. 5.0 F		1st 2.5H 2nd 2.0 Oil 4.0	
RD28 ©Laurel 2825cc	85.0	6	NDKT7213V0	12011-V7213		11012-V2070		12033-20V01 12033-22J11 12033-22J21 12033-40L11 R23004	
Piston : Liner :				Length 78.0 Comp. Height 46.5 Pin Dia. 25.0 Length 66.5		Fitting Dia. 89.0 Length 150.0 Flange Dia. F/Dep. F		1st 2.0 2nd 2.0 Oil 4.0	
H20	87.2	4		12010-74501				R23141	
PISTON: LINER:				Length 84.0 Comp. Height 41.0 Pin Dia. 22.0 Length 72.0		Fitting Dia. 91.2 Length 150.0 Flange Dia. F/Dep. F		1st 2.0 2nd 2.5 Oil 4.0	

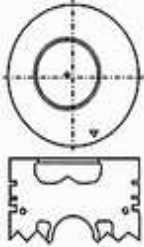
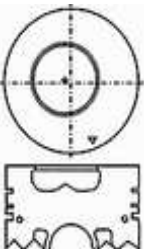
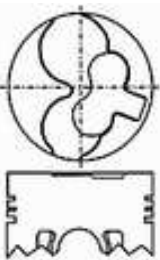
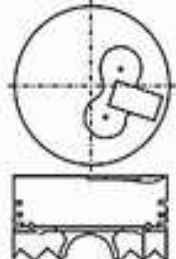
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING		
H20	87.2	4		12010-74001 12010-R9001				R23141		
Piston :Round Combustion Chamber 66mm Liner :				Length	84.0	Fitting Dia.	91.2	1st	2.0	
				Comp. Height	41.0	Length	150.0	2nd	2.5	
				Pin Dia.	22.0	Flange Dia.		Oil	4.0	
				Length	72.0	F/Dep.				
						F				
H20	87.2	4		12010-50K24 12010-50K00				R23141		
PISTON:Round Combustion Chamber 66mm LINER:				Length	71.0	Fitting Dia.	91.2	1st	2.0	
				Comp. Height	41.0	Length	150.0	2nd	2.5	
				Pin Dia.	20.0	Flange Dia.		Oil	4.0	
				Length	62.0	F/Dep.				
						F				
SD23	89.0	4	NDDKT3201	12010-09W01 12010- 12010-29W00 12011-T7200		11012-L2002		12033-L2000 12033-L2002 12033-L2003 12033-L2004 R23690		
©Datsun Truck,2164cc										
Piston :Non-Alfin Liner : Semi Finished/Final Finished.					Length	90.0	Fitting Dia.	92.0	1st	2.5
					Comp. Height	48.2	Length	172.0	2nd	2.0
					Pin Dia.	26.0	Flange Dia.	98.0	Oil	4.5
					Length	74.0	F/Dep.	5.0		
						F				
SD25	89.0	4	NDDKT3401	12010-09W01 12011-T7200		11012-L2002		12033-L2000 12033-L2002 12033-L2003 12033-L2004 R23690		
©Datsun Truck,2164cc										
Piston :Non-Alfin Liner : Semi Finished/Final Finished.					Length	90.0	Fitting Dia.	92.0	1st	2.5
					Comp. Height	48.2	Length	172.0	2nd	2.0
					Pin Dia.	26.0	Flange Dia.	98.0	Oil	4.5
					Length	74.0	F/Dep.	5.0		
						F				

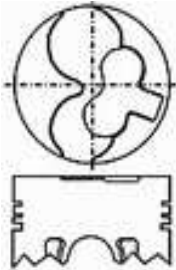
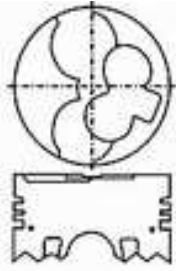
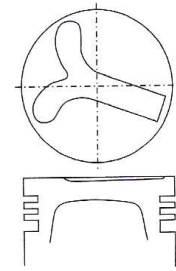
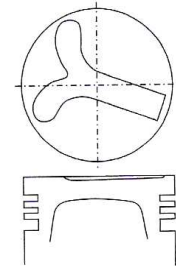
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
SD25 2164cc	89.0	4	NDDKT3002	12011-T7205		11012-L2002		12033-L2000 12033-L2002 12033-L2003 12033-L2004 R23690	
Piston : Al-fin ,Tin Plated Liner :				Length	90.0	Fitting Dia.	92.0	1st	2.5
				Comp. Height	48.2	Length	172.0	2nd	2.0
				Pin Dia.	26.0	Flange Dia.	98.0	Oil	4.5
				Length	74.0	F/Dep.	5.0		
						F			
TD23 ©Datsun Truck,2289cc	89.0	4	NDKT0206N0	12011-02N06		11012-02N10		12033-02N00 12033-02N10 R23714	
Piston : Al-fin Liner :				Length	84.0	Fitting Dia.	92.0	1st	2.5
				Comp. Height	48.2	Length	160.5	2nd	2.0
				Pin Dia.	26.0	Flange Dia.	98.0	Oil	4.0
				Length	74.0	F/Dep.	5.0		
						F			
BD25	92.0	4	NDKT8701G0	12011-87G01		11012-44G10 11012-87G00 11012-44G05			
Piston :Round Combustion Chamber 43mm Liner :				Length	89.9	Fitting Dia.	95.9	1st	2.5
				Comp. Height	53.1	Length	160.5	2nd	2.0
				Pin Dia.	30.0	Flange Dia.	102.0	Oil	4.0
				Length	80.0	F/Dep.	5.0		
						F			
TD25 ©Datsun Truck,2494cc	92.9	4	NDKT4401G0	12011-44G01		11012-44G10 11012-87G00 11012-44G05		12033-44G10 R23920	
Piston : Al-fin Liner :				Length	87.0	Fitting Dia.	95.9	1st	2.5
				Comp. Height	50.3	Length	160.5	2nd	2.0
				Pin Dia.	28.0	Flange Dia.	102.0	Oil	4.0
				Length	80.0	F/Dep.	5.0		
						F			

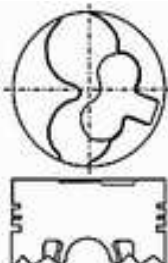
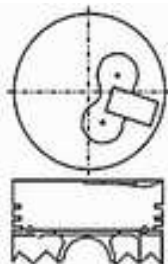
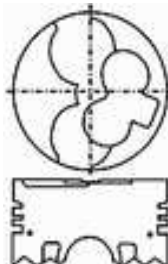
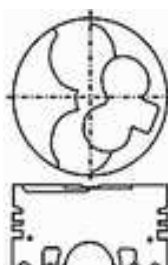
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
BD30 2953cc	96.0	4	NDKT5400T0	12010-54T00	11012-54T00	12033-43G10 12040-43G11 R23892
Piston :Al-Fin & Oil Gallery, Round Combustion Chamber 43mm Liner : 				Length 89.5 Comp. Height 53.1 Pin Dia. 30.0 Length 80.0	Fitting Dia. 99.0 Length 172.5 Flange Dia. 105.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 Oil 4.0
BD30T 2953cc	96.0	4	NDKT9605T0	11012-69T05	11012-54T00	12033-43G10 12040-43G11 R23892
Piston :Al-Fin & Oil Gallery, Round Combustion Chamber 47mm Liner : 				Length 89.5 Comp. Height 53.1 Pin Dia. 30.0 Length 80.0	Fitting Dia. 99.0 Length 172.5 Flange Dia. 105.0 F/Dep. 5.0 F	1st 2.5H 2nd 2.0 Oil 4.0
TD27 ©Datsun Truck ©Caraban ,2663cc	96.0	4	NDKT4301G0	12011-43G01 12011-10T02	11012-43G10 11012-43G05 11012-43G00	12033-43G10 12040-43G11 R23892
Piston : Al-fin Liner : 				Length 87.0 Comp. Height 50.3 Pin Dia. 28.0 Length 80.0	Fitting Dia. 99.0 Length 160.5 Flange Dia. 105.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 Oil 4.0
TD27N 2663cc	96.0	4	NDKT6001T0	12011-6T001	11012-43G10 11012-43G05 11012-43G00	12033-6T010 R23307
Piston : Al-fin Liner : 				Length 86.0 Comp. Height 50.3 Pin Dia. 30.0 Length 74.0	Fitting Dia. 99.0 Length 160.5 Flange Dia. 105.0 F/Dep. 5.0 F	1st 2.5 2nd 2.0 Oil 3.0

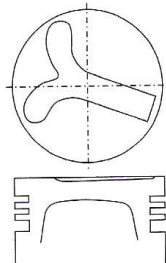
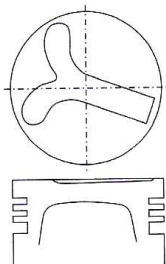
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING		
TD27T	96.0	4	NDKT1005T0	12011-10T05		11012-43G10 11012-43G05 11012-43G00		12033-6T010 R23307		
Piston : Liner :				Length	86.0	Fitting Dia.	99.0	1st	2.5	
				Comp. Height	50.3	Length	160.5	2nd	2.0	
				Pin Dia.	30.0	Flange Dia.	105.0	Oil	3.0	
				Length	74.0	F/Dep.	5.0			
						F				
TD27T	96.0	4	NDKT3103N0	12011-31N03		11012-43G10 11012-43G05 11012-43G00		12033-31N11 R23995		
©Datsun Truck ©Caraban ,2663cc										
Piston : Al-fin & Oil Gallery Liner :				Length	87.0	Fitting Dia.	99.0	1st	2.5H	
				Comp. Height	50.3	Length	160.5	2nd	2.0	
				Pin Dia.	30.0	Flange Dia.	105.0	Oil	4.0	
				Length	80.0	F/Dep.	5.0			
						F				
TD27T	96.0	4	NDKT6301G0	12011-63G01		11012-43G10 11012-43G05 11012-43G00		12030-31N00		
Piston :Al-fin & Oil Gallery Skirt with MOS2 Liner :				Length	87.3	Fitting Dia.	99.0	1st	2.5H	
				Comp. Height	50.5	Length	160.5	2nd	2.0	
				Pin Dia.	30.0	Flange Dia.	105.0	Oil	3.0	
				Length	80.0	F/Dep.	5.0			
						F				
TD27T	96.0	4		A2010-7F406 12010-9C626		11012-43G10 11012-43G05 11012-43G00				
Piston :Al-fin & Oil Gallery Skirt with MOS2 Liner :				Length	74.0	Fitting Dia.	99.0	1st	2.5H	
				Comp. Height	50.5	Length	160.5	2nd	2.0	
				Pin Dia.	30.0	Flange Dia.	105.0	Oil	3.0	
				Length	80.0	F/Dep.	5.0			
						F				

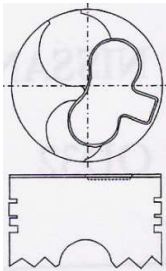
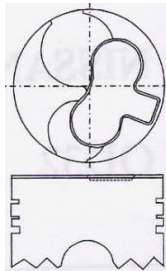
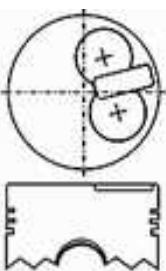
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
TD42 ©Datsun Truck ©Caraban ,2663cc	96.0	6	NDKT4301G0	12011-43G01		11012-06J00 11012-06J10 11012-2S000		12033-43G10 12040-43G11 R23892	
Piston : Al-fin Liner :				Length Comp. Height Pin Dia. Length	87.0 50.3 28.0 80.0	Fitting Dia. Length Flange Dia. F/Dep. F	99.0 160.5 105.0 5.0	1st 2nd Oil	2.5 2.0 4.0
TD42N ©Datsun JeepKD ,4169cc	96.0	6	NDKT6001T0	12011-6T001		11012-06J00 11012-06J10 11012-2S000		12033-06J15 R23305	
Piston : Al-fin Liner :				Length Comp. Height Pin Dia. Length	86.0 50.6 30.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	99.0 160.5 105.0 5.0	1st 2nd Oil	2.5 2.0 3.0
TD42T ©Datsun JeepKD ,4169cc	96.0	6	NDKT1005T0	12010-10T05		11012-06J00 11012-06J10 11012-2S000		12033-06J15 R23305	
Piston : Liner :				Length Comp. Height Pin Dia. Length	86.0 50.3 30.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	99.0 160.5 105.0 5.0	1st 2nd Oil	2.5 2.0 3.0
TD42T ©Datsun JeepKD ,4169cc	96.0	6	NDKT3103N0-6	12011-31N03		11012-06J00 11012-06J10 11012-2S000		12033-05D01	
Piston : Al-fin & Oil Gallery Liner :				Length Comp. Height Pin Dia. Length	87.0 50.3 30.0 80.0	Fitting Dia. Length Flange Dia. F/Dep. F	99.0 160.5 105.0 5.0	1st 2nd Oil	2.5 H 2.0 4.0

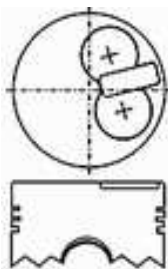
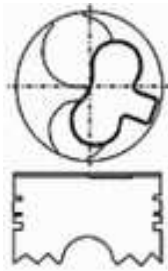
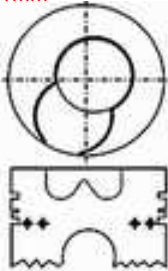
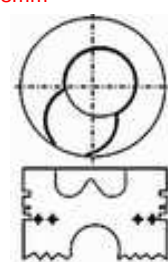
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
TD42T ©Datsun JeepKD ,4169cc	96.0	6	NDKT6301G0	12011-63G01 12010-0W820		11012-06J00 11012-06J10 11012-2S000		12030-31N00	
Piston :Al-fin & Oil Gallery Skirt with MOS2 Liner :				Length 87.2 Comp. Height 50.5 Pin Dia. 30.0 Length 80.0		Fitting Dia. 99.0 Length 160.5 Flange Dia. 105.0 F/Dep. 5.0 F		1st 2.5H 2nd 2.0 Oil 3.0	
TD42T	96.0	6		A2010-7F406 12010-9C626		11012-06J00 11012-06J10 11012-2S000			
Piston :Al-fin & Oil Gallery Skirt with MOS2 Liner :				Length 74.0 Comp. Height 50.5 Pin Dia. 30.0 Length 80.0		Fitting Dia. 99.0 Length 160.5 Flange Dia. 105.0 F/Dep. 5.0 F		1st 2.5H 2nd 2.0 Oil 3.0	
ZD30	96.0	4		12010-VD112 12010-VK600					
Piston :Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber Liner :				Length 74.0 Comp. Height 50.3 Pin Dia. 33.0 Length 78.0		Fitting Dia. 100.0 Length 165.0 Flange Dia. 104.0 F/Dep. 5.0 F		1st 2.5H 2nd 2.0 Oil 3.0	
ZD30T	96.0	4		12010-VC111 12010-VC112					
Piston :Al-fin,Oil Gallery,Head Anodized,Round Combustion Chamber 46.4mm Liner :				Length 74.1 Comp. Height 50.1 Pin Dia. 33.0 Length 78.0		Fitting Dia. 100.0 Length 160.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0 Oil 2.0	

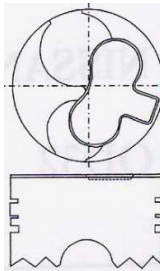
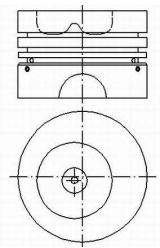
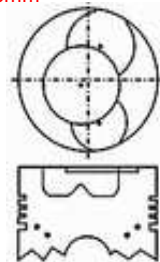
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
ZD30TDI	96.0	4		12010-VK610		
Piston : Al-fin, Oil Gallery, Head Anodized, Round Combustion Chamber Liner :				Length 74.0 Comp. Height 50.3 Pin Dia. 33.0 Length 78.0	Fitting Dia. 100.0 Length 165.0 Flange Dia. 104.0 F/Dep. 5.0 F	1st 2.0H 2nd 2.0 Oil 2.0
ED30	98.0	4	11000-J2000	12011-J2001	11012-J2000 11012-J2001	
Piston : Liner : 				Length 103.0 Comp. Height 59.0 Pin Dia. 32.0 Length 85.0	Fitting Dia. 111.0 Length 184.5 Flange Dia. 117.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 3rd 2.0 Oil 4.5
ED30	98.0	4	NDKT5571J0	12011-J5571	11012-J2000 11012-J2001	
Piston Liner : 				Length 103.0 Comp. Height 59.0 Pin Dia. 32.0 Length 85.0	Fitting Dia. 111.0 Length 184.5 Flange Dia. 117.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.5
QD32	99.2	4	NDKT2605S0	12010-2S605	11012-2S611 11012-2S605	12033-2S610 R23985
©Datsun Truck ©Caraban,3153cc						
Piston : Al-fin Liner : 				Length 69.8 Comp. Height 45.3 Pin Dia. 33.0 Length 78.0	Fitting Dia. 103.2 Length 160.0 Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 3.0

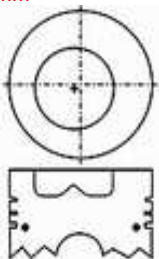
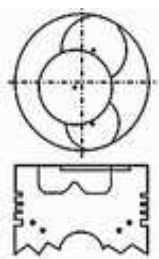
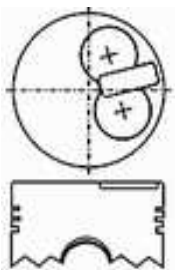
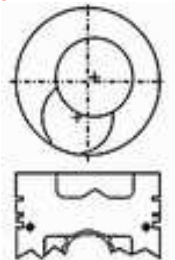
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
QD32 ©Datsun Truck ©Caraban,3153cc	99.2	4	NDKT1406W0	12010-1W406		11012-2S611		12033-2S610 R23985	
Piston : Al-fin, Oil Gallery Liner :				Length 69.8 Comp. Height 45.3 Pin Dia. 33.0 Length 78.0		Fitting Dia. 103.2 Length 160.0 Flange Dia. F/Dep. F		1st 2.5H 2nd 2.0 Oil 3.0	
ED33 ©Truck ©Datsu Truck,3298cc	100.0	4	NDDKT2601	12010-T9010		11012-T9000 11012-T9001 11012-T9003		12033-J6500 12033-J6501 12033-T9304 12033-T9000 R23000	
Piston : Liner :				Length 103.0 Comp. Height 59.0 Pin Dia. 34.0 Length 85.0		Fitting Dia. 112.0 Length 191.0 Flange Dia. 118.0 F/Dep. F 1.0		1st 3.0 2nd 2.0 Oil 4.5	
FD33 3298cc	100.0	4	NDDKT3701	12011-T9313		11012-02T00 11012-02T01 11012-T9017		12033-J6500 12033-J6501 12033-T9304 12033-T9000 R23000	
Piston : Al-Fin & Round Combustion Chamber 51mm Liner :				Length 98.2 Comp. Height 59.2 Pin Dia. 34.0 Length 85.0		Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. F 1.0		1st 2.0 2nd 2.0 Oil 4.0	
FD33 3298cc	100.0	4	NDKT9313T0	12011-T9313		11012-02T00 11012-02T01 11012-T9017		12033-J6500 12033-J6501 12033-T9304 12033-T9000 R23000	
Piston : Al-Fin & Round Combustion Chamber 48mm Liner :				Length 103.2 Comp. Height 59.2 Pin Dia. 34.0 Length 85.0		Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. F 1.0		1st 3.0 2nd 2.0 Oil 4.5	

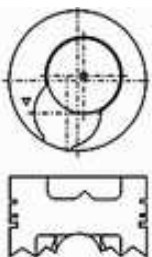
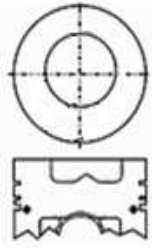
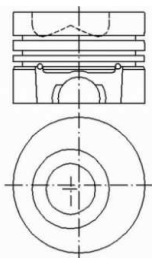
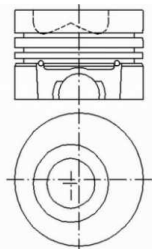
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FD33T ©Datsun Truck,3298cc	100.0	4	NDDKT3901	12011-T9300	11012-02T00 11012-02T01 11012-T9017	12033-T9302 12033-T9308 R23910
Piston : Al-Fin & Round Combustion Chamber 48mm Liner :			Length 103.2 Comp. Height 59.2 Pin Dia. 34.0 Length 85.0	Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 Oil 4.5	
ED6 5654cc	100.0	6	11000-Z5026	12011-Z5002	11012-Z5001 11012-Z5020 11012-Z5573 11012-Z5512	12040-Z5028 SDN31-029ZZ
Piston :Tin Plated Liner : Water Jacket Chromed			Length 103.0 Comp. Height 59.0 Pin Dia. 34.0 Length 85.0	Fitting Dia. 112.0 Length 212.0 Flange Dia. 118.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 3rd 2.0 Oil 4.5	
FD6 5654cc	100.0	6	NDDKT4300	12010-Z5576	11012-Z5001 11012-Z5020 11012-Z5573 11012-Z5512	12040-Z5028 SDN31-029ZZ
Piston :Tin Plated & Round Combustion Chamber 56mm Liner : Water Jacket Chromed			Length 109.5 Comp. Height 65.5 Pin Dia. 34.0 Length 85.0	Fitting Dia. 112.0 Length 212.0 Flange Dia. 118.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.5	
FD6 ©Truck CM80,CM85,TK80,CM90,CK85©Bus R80,RM80,5654cc	100.0	6	11000-Z5057	12010-Z5505	11012-Z5001 11012-Z5020 11012-Z5573 11012-Z5512	12040-Z5001 12040-Z5025 12040-Z5026 12040-Z5027 R24130
Piston : Al-Fin & Round Combustion Chamber 56mm Liner : Water Jacket Chromed			Length 109.5 Comp. Height 65.5 Pin Dia. 34.0 Length 85.0	Fitting Dia. 112.0 Length 212.0 Flange Dia. 118.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 3rd 2.0 Oil 4.5	

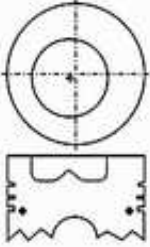
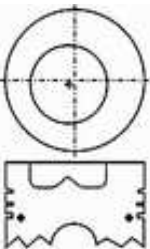
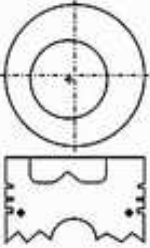
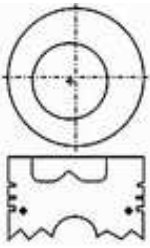
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FD6T ©Truck CM80,CM85,TK80,CM90,CK85©Bus R80,RM80, 5654cc	100.0	6	NDDKT4100	12010-Z5600 12011-Z5572	11012-Z5001 11012-Z5020 11012-Z5573 11012-Z5512	12033-Z5504 12040-Z5528 R24140
Piston : Al-Fin & Round Combustion Chamber 55mm Liner : Water Jacket Chromed 				Length 109.5 Comp. Height 65.5 Pin Dia. 34.0 Length 85.0	Fitting Dia. 112.0 Length 212.0 Flange Dia. 118.0 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 Oil 4.5
FD6T ©Truck CM80,CM85,TK80,CM90,CK85©Bus R80,RM80, 5654cc	100.0	6	11000-Z5029	12010-Z5509	11012-Z5001 11012-Z5020 11012-Z5573 11012-Z5512	12033-Z5502 12033-Z5527 R24180
Piston : Al-Fin & Round Combustion Chamber 55mm Liner : Water Jacket Chromed 				Length 109.5 Comp. Height 65.5 Pin Dia. 34.0 Length 85.0	Fitting Dia. 112.0 Length 212.0 Flange Dia. 118.0 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 3rd 2.0 Oil 4.5
ED35 ©Truck ©Datsu Truck,3298cc	102.5	4	NDKT5602T0	12011-56T02	11012-01T00	
Piston : Liner : 				Length 98.0 Comp. Height 59.0 Pin Dia. 34.0 Length 85.0	Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.0
FD35 ©Condore 3465cc	102.5	4	NDKT0104T0	12010-01T04	11012-01T00	12033-01T10 R23475
Piston : Al-Fin & Round Combustion Chamber 55mm Liner : 				Length 98.2 Comp. Height 59.2 Pin Dia. 34.0 Length 80.0	Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. 8.0 F 1.0	1st 2.0 2nd 2.0 Oil 4.0

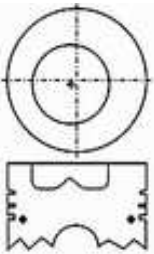
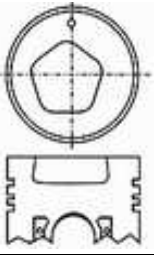
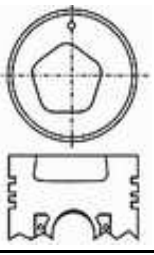
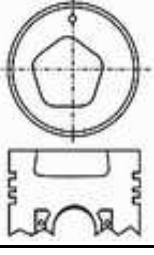
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FD35T ©Condore 3465cc	102.5	4	NDKT0103T0	12010-01T03 12010-12T03	11012-01T00	12033-01T60 R23052
Piston : Al-Fin & Round Combustion Chamber 55mm Liner : 				Length 98.2 Comp. Height 59.2 Pin Dia. 34.0 Length 80.0	Fitting Dia. 113.2 Length 191.0 Flange Dia. 119.2 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 Oil 4.0
FD42	108.0	4	NDKT0015T0	13101-0T015	11012-0T000	
Piston : Al-Fin & Round Combustion Chamber 58mm Liner : 				Length 87.0 Comp. Height 59.3 Pin Dia. 36.0 Length 92.0	Fitting Dia. 111.0 Length 198.0 Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.0
FD46	108.0	4	NDKT0312T0	12010-0T312	11012-0T300	
Piston : Al-fin,Tin Plated,Round Combustion Chamber 53mm Liner : 				Length 87.1 Comp. Height 59.2 Pin Dia. 36.0 Length 93.0	Fitting Dia. 111.0 Length 215.0 Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.0
FD46T	108.0	4	NDKT1900D0	12010-19D00	11012-0T300	
Piston : Al-fin,Oil Gallery,Tin Plated,Round Combustion Chamber 55mm Liner : Water Jacket Chromed 				Length 87.1 Comp. Height 59.1 Pin Dia. 36.0 Length 93.0	Fitting Dia. 111.0 Length 215.0 Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 3.0

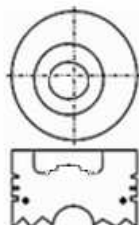
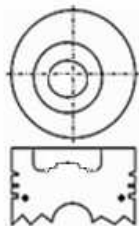
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FE6 ©Truck MK210,CM89,CM87,6925cc	108.0	6	11000-Z5329	12011-Z5615	11012-Z5518 11012-Z5604	12040-Z5211 12040-Z5504 12040-Z5511 R24031
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 59mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 3.0 2nd 2.0 Oil 4.0
FE6T ©MK250,6925cc	108.0	6	11000-Z5627 11000-Z5628	12010-Z5668 12011-Z5702	11012-Z5518 11012-Z5604	12040-Z5505 12040-Z5512 12040-Z5517 R24950
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 59mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 Oil 4.0
FE6TA	108.0	6	11000-Z5627	12011-Z5507	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 59.5mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 3.0H 2nd 2.0 Oil 4.0
FE6TA	108.0	6	11000-Z5627	12011-Z5768	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 56mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0

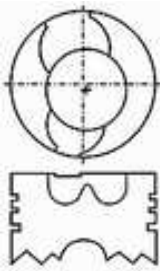
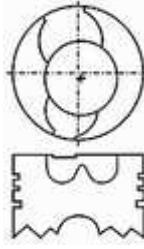
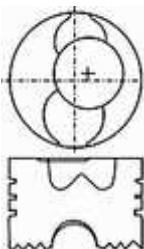
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FE6TA	108.0	6	NDKT5512Z0	12011-Z5512	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 52.5mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0
						
FE6T NEW FE6TC ©MK250,6925cc	108.0	6	11000-Z5825	12011-Z5968	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Pin Bushing inserted. Pantagle Combustion Chamber 57mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0
						
FE6T	108.0	6	NDKT5776Z0	12010-Z5576	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Pantagle Combustion Chamber 57mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0
						
FE6T	108.0	6	NDKT5609Z0	12013-Z5609	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin & Head Anodized, Pantagle Combustion Chamber 60mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.5	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0
						

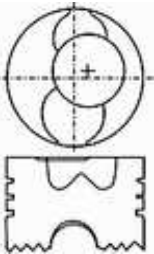
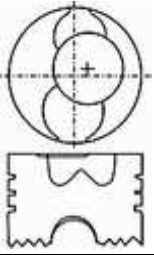
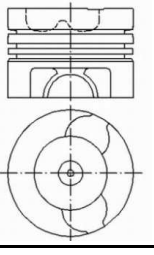
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
FE6T	108.0	6	NDKT5780Z0	12010-Z5780		11012-Z5518 11012-Z5604		12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080	
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 56mm Liner : Phosphated						Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.5	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0	
FE6T	108.0	6	NDKT5716Z0	12013-Z5712 12013-Z5716		11012-Z5518 11012-Z5604		12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080	
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 55.8mm Liner : Phosphated						Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0	
FE6	108.0	6				11012-Z5518 11012-Z5604		12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080	
Piston : Al-Fin, Round Combustion Chamber 56.3mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 92.0		Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0		1st 2.5H 2nd 2.0 Oil 3.0	
FE6T	108.0	6	NDKT5716Z0	12013-Z5712 12013-Z5716		11012-Z5518 11012-Z5604		12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080	
Piston : Al-Fin & Head Anodized, Valve Print, Bush, Round Combustion Chamber 56.5mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0		Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0		1st 2.5H 2nd 2.0 Oil 4.0	

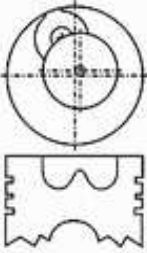
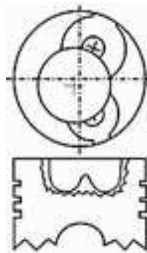
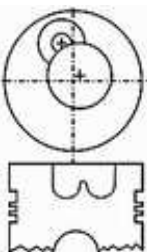
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
FE6T	108.0	6		12013-Z5712 12013-Z5716	11012-Z5518 11012-Z5604	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 R24080
Piston : Al-Fin, Valve Print, Bush, Round Combustion Chamber 58mm Liner : Phosphated				Length 103.5 Comp. Height 65.5 Pin Dia. 36.0 Length 90.0	Fitting Dia. 111.0 Length 217.0 (220.0) Flange Dia. 116.0 F/Dep. 8.0 F 1.0	1st 2.5H 2nd 2.0 Oil 4.0
ND6	110.0	6	11000-95026	12011-95000	11012-95001 11012-95002	12040-90127 12040-95006 12040-95025 R24810
Piston : Round Combustion Chamber 60mm Liner : 				Length 113.3 Comp. Height 68.3 Pin Dia. 36.0 Length 92.0	Fitting Dia. 115.0 Length 229.0 Flange Dia. 119.0 F/Dep. 3.0 F 1.1	1st 4.0 2nd 3.0 Oil 5.0
ND6T	110.0	6	11000-95029	12011-95004	11012-95064 11012-95065 11012-95066	
Piston : Al-Fin & Round Combustion Chamber 60mm Liner : 				Length 113.3 Comp. Height 68.3 Pin Dia. 36.0 Length 92.0	Fitting Dia. 115.0 Length 229.0 Flange Dia. 121.0 F/Dep. 3.0 F 1.1	1st 4.0 2nd 3.0 Oil 5.0
NE6	110.0	6	11000-95027	12011-95010	11012-95001 11012-95002	12040-95012 12040-95013 12040-95014 12040-95016 R24541
Piston : Al-Fin & Round Combustion Chamber 61mm Liner : Phosphated 				Length 113.3 Comp. Height 68.3 Pin Dia. 36.0 Length 95.0	Fitting Dia. 115.0 Length 229.0 Flange Dia. 119.0 F/Dep. 3.0 F 1.1	1st 3.0H 2nd 2.5 Oil 4.0

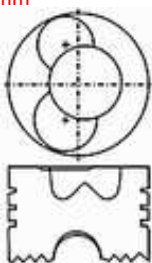
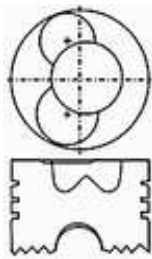
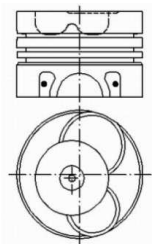
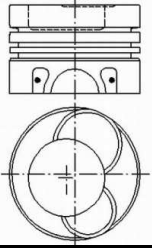
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
NE6T ©Truck,7412cc	110.0	6	11000-95128	12011-95074	11012-95064 11012-95065 11012-95066	12040-95012 12040-95013 12040-95014 12040-95016 R24541
Piston : Al-Fin & Round Combustion Chamber 61mm Liner :Phosphated 				Length 113.3 Comp. Height 68.3 Pin Dia. 36.0 Length 95.0	Fitting Dia. 115.0 Length 229.0 Flange Dia. 121.0 F/Dep. 3.0 F 1.1	1st 3.0H 2nd 2.5 Oil 4.0
NE6TA ©Truck,7412cc	110.0	6	11000-95125	12011-95114	11012-95064 11012-95065 11012-95066	12040-95012 12040-95013 12040-95014 12040-95016 R24541
Piston : Al-Fin & Round Combustion Chamber 54mm Liner :Phosphated 				Length 113.3 Comp. Height 68.3 Pin Dia. 36.0 Length 93.0	Fitting Dia. 115.0 Length 229.0 Flange Dia. 121.0 F/Dep. 3.0 F 1.1	1st 3.0H 2nd 2.5 Oil 4.0
UD4	110.0	4	NDKT000090	12010-90000	11012-90006	
Piston : Al-Fin & Round Combustion Chamber 89mm Liner : 				Length 155.0 Comp. Height 90.0 Pin Dia. 38.0 Length 94.0	Fitting Dia. 126.0 Length 281.5 Flange Dia. 136.0 F/Dep. 8.0 F 1.5	1st 3.0 2nd 3.0 3rd 3.0 Oil 3.0 Oil 4.8
NF6TA	120.0	6	NDKT551290	12011-95512 12011-95516	11012-95515	12040-95501 R24585
Piston : Al-Fin,Oil Gallery,Head Anodized,Round Combustion Chamber 65mm Liner :Phosphated 				Length 116.3 Comp. Height 71.3 Pin Dia. 44.0 Length 101.0	Fitting Dia. 123.0 Length 226.0 Flange Dia. 129.0 F/Dep. 8.0 F 1.2	1st 3.0H 2nd 2.5 Oil 4.0

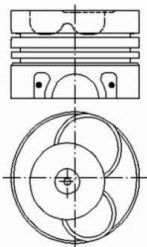
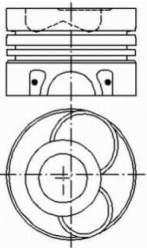
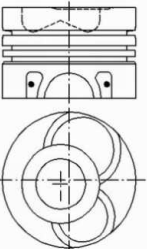
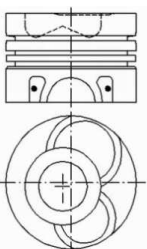
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
MD92	120.0	6				
Piston : Al-Fin,Round Combustion Chamber 65.9mm Liner :				Length 105.0 Comp. Height 65.0 Pin Dia. 41.0 Length 94.0	Fitting Dia. 123.0 Length 226.0 Flange Dia. 129.0 F/Dep. 8.0 F 1.2	1st 3.0H 2nd 2.0 Oil 3.0
PD6	125.0	6	11000-96028	12011-96007	11012-96001	12040-90029 12040-96009 12040-96026 12040-96127 R24340
◎Truck ◎Bus CK20,TK20,CD40,CV40,PT81,CW40,M20,CB20,TFA21,CW41,10 308cc Piston : Al-Fin & Round Combustion Chamber 69mm Liner :				 Length 132.0 Comp. Height 82.2 Pin Dia. 46.0 Length 108.0	Fitting Dia. 130.0 Length 259.0 Flange Dia. 134.0 F/Dep. 3.0 F 1.2	1st 5.0 2nd 3.5 Oil 5.0
PD6T	125.0	6	11000-96029	12011-96009	11012-96001	12040-96010 12040-96125 R24250
◎Truck ◎Bus CK20,TK20,CD40,CV40,PT81,CW40,M20,CB20,TFA21,CW41,10 308cc Piston : Al-Fin & Round Combustion Chamber 69mm Liner :				 Length 132.0 Comp. Height 82.0 Pin Dia. 46.0 Length 108.0	Fitting Dia. 130.0 Length 259.0 Flange Dia. 134.0 F/Dep. 3.0 F 1.2	1st 4.0K 2nd 3.5 Oil 5.0
PE6	133.0	6	11000-96125	12011-96516 12011-96508	11012-96501	12040-96028 12040-96128 12040-96500 12040-96503 R24300
◎Truck ◎Bus CK20,TK20,CD40,CV40,PT81,CW40,M20,CB20,TFA21,CW41,11 670cc Piston : Al-Fin & Round Combustion Chamber 67mm Liner :				 Length 132.0 Comp. Height 82.0 Pin Dia. 46.0 Length 116.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 142.0 F/Dep. 3.0 F 1.2	1st 4.0K 2nd 3.5 Oil 6.0

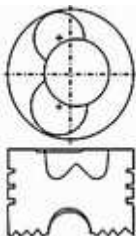
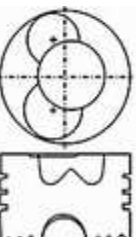
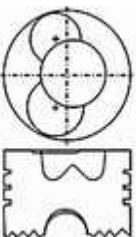
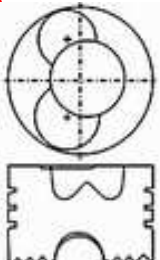
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
PE6T ©Truck ©Bus CK20,TK20,CD40,CV40,PT81,CW40,M20,CB20,TFA21,CW41,11 670cc	133.0	6	11000-96127	12011-96564	11012-96501	12040-96504 12040-96509 12040-96513 12040-96518 R24570
Piston : Al-Fin & Round Combustion Chamber 67mm Liner : 				Length 132.0 Comp. Height 82.0 Pin Dia. 46.0 Length 116.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 142.0 F/Dep. 3.0 F 1.2	1st 4.0H 2nd 3.5 Oil 6.0
PE6TB 11670cc	133.0	6	11000-96528	12011-96600	11012-96566	12040-96517 R24420
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 67mm Liner : 				Length 132.0 Comp. Height 82.0 Pin Dia. 46.0 Length 116.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 3.0H 2nd 2.5 Oil 4.0
PF6 ©Truck,12503cc	133.0	6	11000-96429	12011-96964	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin, Head Anodized, Round Combustion Chamber 67mm Liner : 				Total Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
PF6TA ©Truck,12503cc	133.0	6	11000-96727	12011-91690 12011-96960	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin, Head Anodized, Round Combustion Chamber 72mm Liner : 				Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0

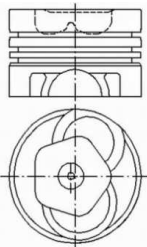
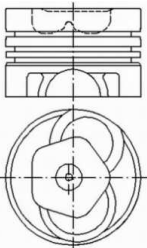
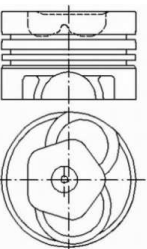
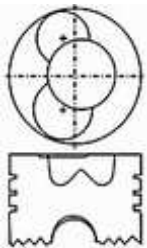
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
PF6TB ©Truck,12503cc	133.0	6	11000-96627	12011-96504	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin & Head Anodized, Round Combustion Chamber 71mm Liner : 				Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
PF6T ©Truck,12503cc	133.0	6	NDKT657690	12011-96576	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin, Head Anodized, Round Combustion Chamber 77mm Liner : 				Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
PF6T ©Truck,12503cc	133.0	6	NDKT666990	12011-96509	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin, Oil Gallery, Head Anodized, Round Combustion Chamber 68mm Liner : 				Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
PF6T ©Truck,12503cc	133.0	6	NDKT650990	12011-96669	11012-96566	12040-96564 12040-96566 12040-96570 R24510
Piston : Al-Fin, Round Combustion Chamber 83mm Liner : 				Length 136.0 Comp. Height 86.0 Pin Dia. 50.0 Length 112.0	Fitting Dia. 138.0 Length 259.0 Flange Dia. 144.0 F/Dep. 3.0 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0

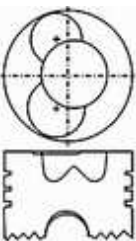
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
RD8 ©Truck ©Bus CV50,CW51,CW52,CD52,WD18 ,WD151,TWA52,RA50,RA51,CV56,14313cc	135.0	8	11000-97029	12011-97170 12011-97004/6 12011-97012 12011-97079 12011-97169	11012-97063 11012-97025 11012-97000	12040-97007 12040-97126 12040-97127 12040-97527 R24780
Piston : Al-Fin & Head Anodized ,Round Combustion Chamber 71mm Liner :				Length 137.0 Comp. Height 82.0 Pin Dia. 46.0 Length 116.0	Fitting Dia. 153.0 Length 243.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 4.0 2nd 3.0 Oil 6.0
RD8T ©Truck ©Bus CV50,CW51,CW52,CD52,WD18 ,WD151,TWA52,RA50,RA51,CV56,14313cc	135.0	8	11000-97028	12011-97178 12011-97177	11012-97063 11012-97025 11012-97000	12040-97008 12040-97128 12040-97129 12040-97329 R24370
Piston : Al-Fin & Head Anodized ,Round Combustion Chamber 71mm Liner :				Length 137.0 Comp. Height 82.0 Pin Dia. 46.0 Length 116.0	Fitting Dia. 153.0 Length 243.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 4.0K 2nd 3.0 Oil 6.0
RE8 ©CW53,CD53,CW510,15000cc	135.0	8	11000-97079	12011-97107	11012-97118 11012-97161	12040-97068 R24790
Piston : Al-fin,Round Combustion Chamber 67mm Fully Finished/Phosphated or Water Jacket Chrome Plated.				Length 137.0 Comp. Height 78.5 Pin Dia. 46.0 Length 116.0	Fitting Dia. 153.0 Length 238.0 Flange Dia. 161.0 F/Dep. 11.0 F 1.2	1st 3.0 2nd 3.0 Oil 5.0
RF8 ©CD520,16991cc	138.0	8	11000-97327(LH) 11000-97326(RH)	12011-97165(LH) 12011-97161(RH)	11012-97164 11012-97171	12040-97072 R24001
Piston : Alfin,Round Combustion Chamber 74mm Liner:Fully Finished or Water Jacket Chrome Plated.				Length 137.0 Comp. Height 78.5 Pin Dia. 46.0 Length 116.0	Fitting Dia. 159.0 Length 238.3 Flange Dia. 167.0 F/Dep. 11.0 F 1.3	1st 2.5 2nd 2.5 Oil 4.0

Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
RF8	138.0	8	11000-97329(LH) 11000-97328(RH)	12011-97166(L) 12011-97162(R)	11012-97164 11012-97171	12040-97072 R24001
Piston : Alfin,Pantagle Combustion Chamber 75mm Liner:Fully Finished,Phosphated,Water Jacket Chrome Plated. 				Length 137.0 Comp. Height 78.5 Pin Dia. 46.0 Length 116.0	Fitting Dia. 159.0 Length 238.3 Flange Dia. 167.0 F/Dep. 11.0 F 1.3	1st 2.5 2nd 2.5 Oil 4.0
RG8	142.0	8	11000-97229(LH) 11000-97228(RH)	12011-97776(LH) 12011-97772(RH)	11012-97177	12040-97103 R24921
Piston : Pantagle Combustion Chamber 77mm Liner:Fully Finished,Phosphated,Water Jacket Chrome Plated. 				Length 137.0 Comp. Height 78.5 Pin Dia. 50.0 Length 118.0	Fitting Dia. 159.0 Length 236.0 Flange Dia. 167.0 F/Dep. 11.1 F 1.2	1st 3.0 2nd 2.5 Oil 4.0
RG8	142.0	8	11000-97227(LH) 11000-97226(RH)	12011-97775(LH) 12011-97771(RH)	11012-97177	12040-97103 R24921
Piston : Pantagle Combustion Chamber 74mm Liner:Fully Finished,Phosphated,Water Jacket Chrome Plated. 				Length 137.0 Comp. Height 78.5 Pin Dia. 50.0 Length 118.0	Fitting Dia. 159.0 Length 236.0 Flange Dia. 167.0 F/Dep. 11.1 F 1.2	1st 3.0 2nd 2.5 Oil 4.0
RH8	150	8	11000-97225 11000-97224	12011-63760 12011-63787	11012-97180	12040-97106 12040-97105/CYL
Piston :Alfin,Round Combustion Chamber 84mm Liner: 				Length 133.8 Comp. Height 75.5 Pin Dia. 50.0 Length 113.0	Fitting Dia. 155.0 Length 246.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 3.0 2nd 2.5 Oil 4.0

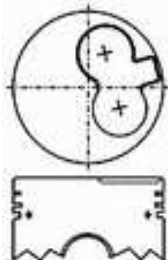
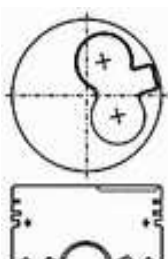
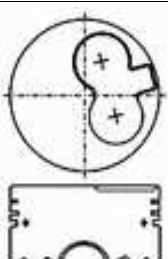
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
RH8	150	8	11000-97223(LH) 11000-97222(RH)	12011-63765(LH) 12011-63762(RH)	11012-97180	12040-97106 12040-97105/CYL
Piston : Alfin, Round Combustion Chamber 84mm Liner: 				Length 121.0 Comp. Height 75.5 Pin Dia. 50.0 Length 113.0	Fitting Dia. 155.0 Length 246.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 3.0 2nd 2.5 Oil 4.0
RH10	150	10	11000-97225 11000-97224	12011-63760 12011-63787	11012-97180	12040-97106 12040-97105/CYL
Piston : Alfin, Round Combustion Chamber 84mm Liner: 				Length 133.8 Comp. Height 75.5 Pin Dia. 50.0 Length 113.0	Fitting Dia. 155.0 Length 246.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 3.0 2nd 2.5 Oil 4.0
RH10	150	10	11000-97223(LH) 11000-97222(RH)	12011-63765(LH) 12011-63762(RH)	11012-97180	12040-97106 12040-97105/CYL
Piston : Alfin, Round Combustion Chamber 84mm Liner: 				Length 121.0 Comp. Height 75.5 Pin Dia. 50.0 Length 113.0	Fitting Dia. 155.0 Length 246.0 Flange Dia. 161.0 F/Dep. 8.0 F 1.2	1st 3.0 2nd 2.5 Oil 4.0
GE13T	136.0	6		12011-00Z68 12011-00Z72	11012-00Z11 11012-00Z13	
Piston : Alfin, Skirt With MOS2, Round Combustion Chamber 44.5mm Liner: 				Length 122.5 Comp. Height 73.5 Pin Dia. 53.0 Length 115.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 3.0

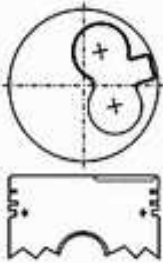
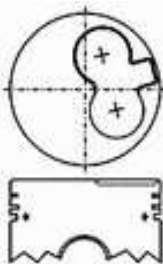
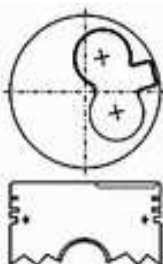
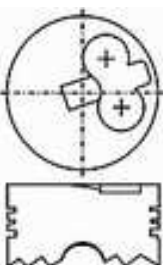
Liner Kit for **NISSAN** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
YD25DDTI	89.0	4		A2010-EB30A A2010-EB31A A2010-EB32A	11012-97180	
Piston : Alfin,Round Combustion Chamber 44.5mm Liner:				Length 73.8 Comp. Height 48.9 Pin Dia. 28.0 Length 71.0	Fitting Dia. 92.5 Length 167.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0

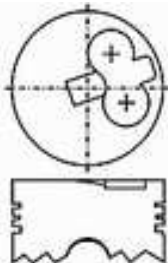
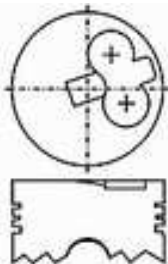
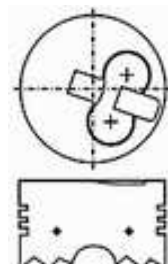
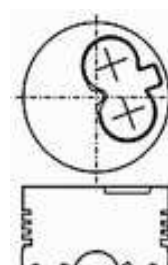
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
NO4CT	70.5	4		13301-78010		
Piston : Al-fin , Skirt With MOS2, Round Combustion Chamber 59mm Liner :				Length 1000.0 Comp. Height 60.2 Pin Dia. 37.0 Length 85.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.5 2nd 2.0 Oil 4.0
2C	86.0	4	TYKT1640300	13101-64030	11461-64090	13011-64109 13011-64202 13011-64210 R28245
◎Carina ◎Tamaraw FX 1974cc Piston : Liner :				 Length 77.0 Comp. Height 47.0 Pin Dia. 27.0 Length 68.0	Fitting Dia. 90.0 Length 154.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
2C	86.0	4	TYKT1640700	13101-64070	11461-64090	13011-64109 13011-64202 13011-64210 R28245
◎Carina ◎Tamaraw FX 1974cc Piston : Liner :				 Length 77.0 Comp. Height 47.0 Pin Dia. 27.0 Length 61.0	Fitting Dia. 90.0 Length 154.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
2C	86.0	4	TYKT1640800	13101-64080	11461-64090	
◎Carina ◎Tamaraw FX 1974cc Piston : Liner :				 Length 77.0 Comp. Height 47.0 Pin Dia. 27.0 Length 58.0	Fitting Dia. 90.0 Length 154.0 Flange Dia. F/Dep. F	1st 1.75H 2nd 2.0 Oil 3.0

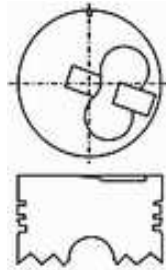
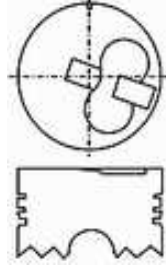
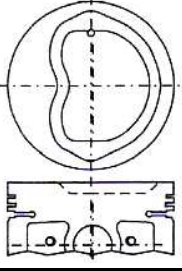
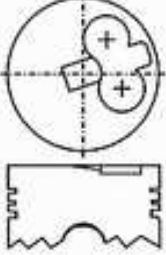
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
2C ©Carina ©Tamaraw FX 1974cc	86.0	4	TYKT1640900	13101-64090		11461-64090			
Piston : Liner :			Length Comp. Height Pin Dia. Length	77.0 47.0 27.0 58.0	Fitting Dia. Length Flange Dia. F/Dep. F	90.0 154.0	1st 2nd Oil	1.75H 2.0 3.0	
2C Late 1988'~ ©Carina ©Tamaraw FX 1974cc	86.0	4	TYKT1641100	13101-64110		11461-64090		13011-64109 13011-64202 13011-64210 R28245	
Piston : Liner :			Length Comp. Height Pin Dia. Length	77.0 47.0 27.0 58.0	Fitting Dia. Length Flange Dia. F/Dep. F	90.0 154.0	1st 2nd Oil	2.0H 2.0 3.0	
2CT ©Carina ©Tamaraw FX 1974cc	86.0	4	TYKT1641210	13101-64121		11461-64090		13011-64109 13011-64202 13011-64210 R28245	
Piston :Al-fin ,Oil gallery Liner :			Length Comp. Height Pin Dia. Length	77.0 47.0 27.0 61.0	Fitting Dia. Length Flange Dia. F/Dep. F	90.0 154.0	1st 2nd Oil	2.0H 2.0 3.0	
1DZ ©Estima ,Lucina ©Emina CXR11G 2486cc	86.0	4	TYKT1782010	13101-78200		11461-78200 11461-78020		13011-78201 R28993	
Piston : Al-Fin & Head Anodized Liner :			Length Comp. Height Pin Dia. Length	77.0 47.0 27.0 68.0	Fitting Dia. Length Flange Dia. F/Dep. F	90.0 175.0	1st 2nd Oil	2.0H 2.0H 4.0	

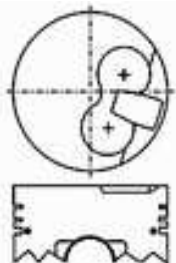
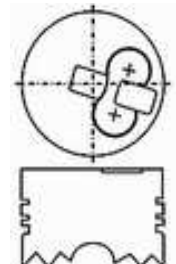
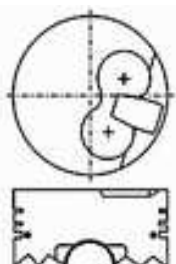
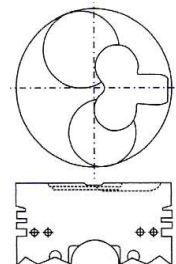
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
1DZ 86.0 4 TYKT1782010 ©Estima ,Lucina ©Emina CXR11G 2486cc				13101-78201	11461-78200 11461-78020	13011-78201 R28993
Piston : Al-Fin & Head Anodized Liner :				Length 77.0 Comp. Height 47.0 Pin Dia. 27.0 Length 68.0	Fitting Dia. 90.0 Length 175.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
1DZ 86.0 4 TYKT1782020 ©Estima ,Lucina ©Emina CXR11G 2486cc				13101-78202	11461-78200 11461-78020	13011-78201 R28993
Piston : Al-Fin & Head Anodized Liner :				Length 76.5 Comp. Height 46.3 Pin Dia. 27.0 Length 68.0	Fitting Dia. 90.0 Length 175.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
2J 3G 88.0 4 TODKT1801 ©Dyna 2481cc				13101-48015(L) 13101-48014(	11461-48010 11461-48011 11461-47010 11461-47011	13011-48022 13011-48023 13011-48030 R28780
Piston : Liner :				Length 102.0 Comp. Height 52.2 Pin Dia. 27.0 Length 74.0	Fitting Dia. 93.0 Length 183.0 Flange Dia. 98.0 F/Dep. 2.5 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
2J 4G 88.0 4 TYKT1220610 TYKT1220600 ©Dyna JK170B,JK171B,JK170DH,JK175 ,JK171DH,JK176,JK176V 2481cc				13101-22061 13101-22060	11461-48010 11461-48011 11461-47010 11461-47011	13011-48013 13011-48021 R28770
Piston : Liner :				Length 102.2 Comp. Height 52.2 Pin Dia. 27.0 Length 74.0	Fitting Dia. 93.0 Length 183.0 Flange Dia. 98.0 F/Dep. 2.5 F 1.2	1st 2.5H 2nd 2.5 3rd 2.5 Oil 4.0

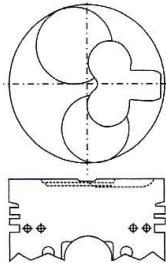
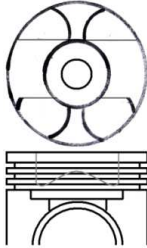
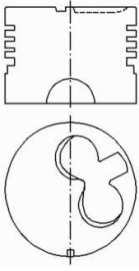
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
H 88.0 6 TYKT1470120 ©Landcruiser ©Coaster 3980cc				13101-47012 13101-47013	11461-48010 11461-48011 11461-47010 11461-47011	
Piston : Al-Fin Liner :			Length 102.1 Comp. Height 52.1 Pin Dia. 27.0 Length 74.0	Fitting Dia. 93.0 Length 183.5 Flange Dia. 98.0 F/Dep. 2.5 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0	
2H 91.0 6 TODKT3002 ©Landcruiser ©Coaster 3980cc				13101-68010	11461-68010	13011-68010 13011-68020 13011-96601 R28680
Piston : Al-Fin Liner :			Length 102.2 Comp. Height 52.1 Pin Dia. 29.0 Length 74.0	Fitting Dia. 95.0 Length 183.0 Flange Dia. 101.0 F/Dep. 2.5 F 1.0	1st 2.5H 2nd 2.5 Oil 4.0	
4Y 91.0 4				13101-73030 13101-73031 13101-73032	11461-73030	R28008 R28420
PISTON: LINER:			Length 65.0 Comp. Height 35.0 Pin Dia. 22.0 Length 66.0	Fitting Dia. 95.0 Length 164.5 Flange Dia. F/Dep. F	1st 1.5 2nd 1.5 Oil 4.0	
2L 92.0 4 TYKT1540600 ©Crown ©Chaser ©Corona MarkII 2466cc				13101-54060	11461-54030 11461-54040 11461-54050 11461-54060	13011-54050 13011-54060 13011-54061 13011-54062 R28740
Piston : Liner :			Length 86.3 Comp. Height 49.3 Pin Dia. 27.0 Length 74.0	Fitting Dia. 96.0 Length 160.5 Flange Dia. 101.0 F/Dep. 3.5 F 1.2	1st 2.0H 2nd 2.0 Oil 4.0	

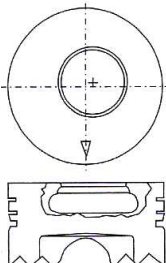
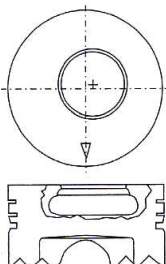
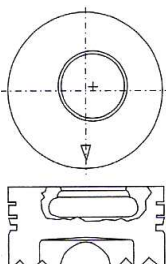
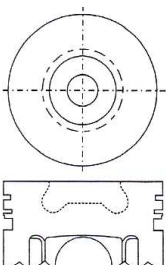
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
2L New 2L II ©Crown ©Chaser ©Corona MarkII 2466cc	92.0	4	TYKT1540700	13101-54070		11461-54070 11461-54080 11461-54090		13011-54050 13011-54060 13011-54061 13011-54062 R28740	
Piston : Al-Fin Liner :				Length Comp. Height Pin Dia. Length	80.3 44.3 27.0 70.0	Fitting Dia. Length Flange Dia. F/Dep. F	96.0 179.5	1st 2nd Oil 2.0H 2.0 4.0	
2LT ©Crown ©Chaser ©Corona MarkII 2466cc	92.0	4	TYKT1540800	13101-54080		11461-54070 11461-54080 11461-54090		13011-54050 13011-54060 13011-54061 13011-54062 R28740	
Piston : Al-Fin Liner :				Length Comp. Height Pin Dia. Length	86.2 49.2 29.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	96.0 179.5	1st 2nd Oil 2.0H 2.0 4.0	
2LT 2L II T ©Crown ©Chaser ©Corona MarkII 2466cc	92.0	4	TYKT1540900	13101-54090 13101-54091		11461-54070 11461-54080 11461-54090		13011-54050 13011-54060 13011-54061 13011-54062 R28740	
Piston : Al-Fin & Oil Gallery Liner :				Length Comp. Height Pin Dia. Length	80.3 44.3 29.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	96.0 179.5	1st 2nd Oil 2.0H 2.0 4.0	
2LT II NEW	92.0	4	TYKT1541410	13101-54140 13101-54141		11461-54070 11461-54080 11461-54090		13011-54050 13011-54060 13011-54061 13011-54062 R28740	
Piston :Al-Fin & Oil Gallery Liner :				Length Comp. Height Pin Dia. Length	80.3 44.3 29.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	96.0 179.5	1st 2nd Oil 2.0H 2.0 4.0	

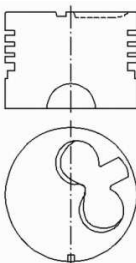
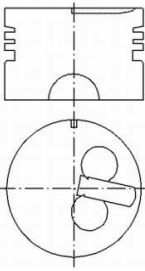
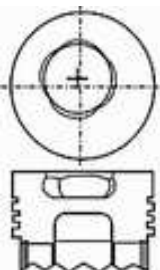
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
2LT II NEW	92.0	4	TYKT1541300	13101-54130	11461-54070 11461-54080 11461-54090	13011-54050 13011-54060 13011-54061 13011-54062 R28740
Piston : Al-Fin & Oil Gallery Liner : 				Length 80.3 Comp. Height 44.3 Pin Dia. 27.0 Length 70.0	Fitting Dia. 96.0 Length 179.5 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
2KD	92.0	4	TYKT1300300	13101-30030 13101-0L020	11461-30030	
Piston : Al-Fin & Oil Gallery Round Combustion Chamber 39mm Liner : 				Length 82.2 Comp. Height 54.2 Pin Dia. 34.0 Length 65.0	Fitting Dia. 96.0 Length 165.0 Flange Dia. F/Dep. F	1st 2.0 2nd 1.5 Oil 3.0
1HZ	94.0	6	TYKT1170100	13101-17010	11461-17010	
Piston :  Liner :				Length 80.5 Comp. Height 43.5 Pin Dia. 29.0 Length 65.0	Fitting Dia. 98.0 Length 168.5 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0
1PZ	94.0	5	TYKT1170100	13101-17010	11461-17010	13011-18010 13011-18030 R28643
©Land Cruiser (90'~94') ,3500cc Piston : alfin, tin plated Liner : semi-finished				Length 80.5 Comp. Height 43.5 Pin Dia. 29.0 Length 65.0	Fitting Dia. 98.0 Length 166.5 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 4.0

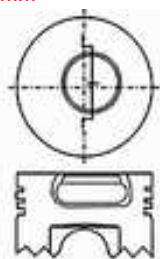
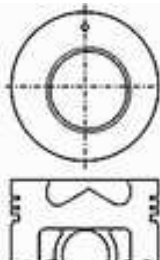
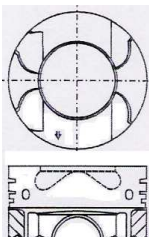
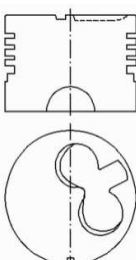
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING			
1HDT	94.0	6	TYKT1170200	13101-17020		11461-17010		13011-18010 13011-18030 R28643			
Piston :alfin,tin plated Liner :semi-finished						Length	80.7	Fitting Dia.	98.0	1st	2.0H
				Comp. Height	49.7	Length	166.5		2nd	2.0	
				Pin Dia.	33.0	Flange Dia.			Oil	4.0	
				Length	73.0	F/Dep.					
						F					
1HDT	94.0	6	TYKT1170400	13101-17040		11461-17010		13011-18010 13011-18030 R28643			
©Land Cruiser (90'~94') ,3500cc											
Piston :alfin,tin plated Liner :semi-finished						Length	80.7	Fitting Dia.	98.0	1st	2.0H
				Comp. Height	49.7	Length	166.5		2nd	2.0	
				Pin Dia.	33.0	Flange Dia.			Oil	4.0	
				Length	73.0	F/Dep.					
						F					
1HDT	94.0	6	TYKT1170600	13101-17060		11461-17010		13011-18010 13011-18030 R28643			
©Land Cruiser (90'~94') ,3500cc											
Piston :alfin,tin plated Liner :semi-finished						Length	80.7	Fitting Dia.	98.0	1st	2.0H
				Comp. Height	49.7	Length	166.5		2nd	2.0	
				Pin Dia.	33.0	Flange Dia.			Oil	4.0	
				Length	73.0	F/Dep.					
						F					
1HDT	94.0	6	TYKT1170800	13101-17080		11461-17010		13011-18010 13011-18030 R28643			
©Land Cruiser (90'~94') ,3500cc											
Piston :alfin,tin plated Liner :semi-finished						Length	80.4	Fitting Dia.	98.0	1st	2.0H
				Comp. Height	49.4	Length	166.5		2nd	2.0	
				Pin Dia.	33.0	Flange Dia.			Oil	4.0	
				Length	73.0	F/Dep.					
						F					

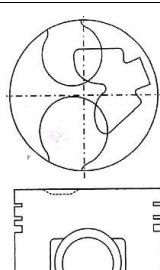
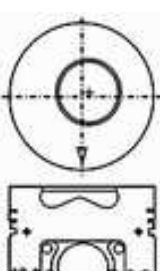
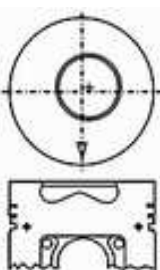
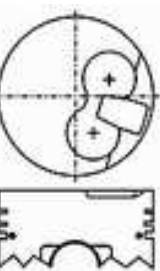
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
B BU15 ©Dyna 2977cc	95.0	4	TYKT1560110	Length	101.3	Fitting Dia.	100.0	1st	2.5H
Piston : Liner :				Comp. Height	52.3	Length	190.0	2nd	2.5
				Pin Dia.	29.0	Flange Dia.	108.0	3rd	2.5
				Length	79.0	F/Dep.	2.5	Oil	4.5
						F	1.0		
B BU30 ©Dyna ©Toyoace 2977cc	95.0	4	TYKT1560300	Length	101.3	Fitting Dia.	102.0	1st	2.5H
				Comp. Height	52.3	Length	190.0	2nd	2.5
				Pin Dia.	29.0	Flange Dia.	108.0	Oil	4.5
				Length	79.0	F/Dep.	2.5		
						F	1.2		
B Late ©Dyna ©Toyoace 2977cc	95.0	4		Length	101.2	Fitting Dia.	99.0	1st	2.5H
Piston : Liner :				Comp. Height	52.2	Length	190.0	2nd	2.5
				Pin Dia.	29.0	Flange Dia.	105.0	Oil	4.0
				Length	72.0	F/Dep.	2.5		
						F	1.2		
11B BU65 ©Dyna ©Toyoace 2977cc	95.0	4	TYKT1560410	Length	98.2	Fitting Dia.	99.0	1st	2.5H
				Comp. Height	63.2	Length	192.0	2nd	2.5
				Pin Dia.	34.0	Flange Dia.		Oil	4.5
Piston :Round Combustion Chamber 45mm Liner :				Length	75.0	F/Dep.			
						F			

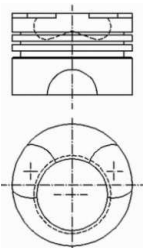
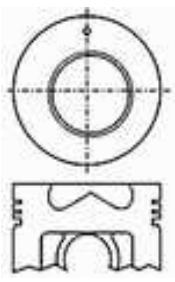
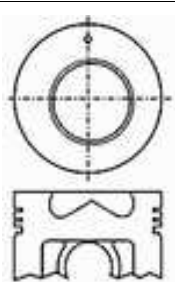
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
11B New BU84 ◎Dyna ◎Toyoace 2977cc	95.0	4	TYKT1560600	Length	90.4	Fitting Dia.	99.0	1st	2.5H
Piston : Al-fin & Round Combustion Chamber 38mm Liner : 				Comp. Height	55.4	Length	192.0	2nd	2.0
				Pin Dia.	32.0	Flange Dia.		Oil	4.0
				Length	72.0	F/Dep.	F		
12Z Forklift 5FD/G 50~80 95PS	96.0	6	TYKT1783600	Length	80.0	Fitting Dia.	100.0	1st	2.0
Piston : Round Combustion Chamber 54mm Liner : 				Comp. Height	50.1	Length	182.5	2nd	2.0
				Pin Dia.	32.0	Flange Dia.	106.0	Oil	4.0
				Length	77.0	F/Dep.	8.0		
F									
1KD ◎Hi-Ace ◎Land cruiser ◎Hi-Lux Surf 2982cc	96.0	4	TYKT1300600	Length	78.5	Fitting Dia.	100.0	1st	2.0H
Piston : alfin, oil gallery, skirt MOS2, head anodized, tin plated Liner : 				Comp. Height	49.7	Length	180.0	2nd	1.5
				Pin Dia.	34.0	Flange Dia.	105.5	Oil	3.0
				Length	73.0	F/Dep.	4.5		
F									
1KZ ◎Hi-Ace ◎Land cruiser ◎Hi-Lux Surf 2982cc	96.0	4	TYKT1670300	Length	80.7	Fitting Dia.	100.0	1st	2.0H
Piston : alfin, oil gallery, head anodized, tin plated Liner : fully-finished 				Comp. Height	45.7	Length	182.5	2nd	2.0
				Pin Dia.	34.0	Flange Dia.	106.0	Oil	3.0
				Length	73.0	F/Dep.	8.0		
F									

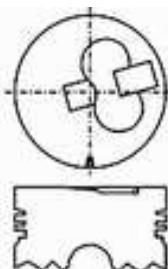
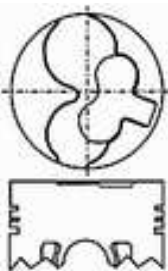
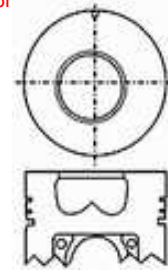
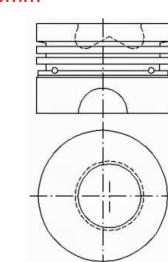
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
1KZ NEW ◎Hi-Ace ◎Land cruiser ◎Hi-Lux Surf 2982cc	96.0	4	TYKT1670500	13101-67050	11461-78300 11461-78301 11461-67020	13011-67030 R28773
Piston :alfin, oil gallery ,head anodized,tin plated Liner :fully-finished 				Length 80.7 Comp. Height 45.8 Pin Dia. 34.0 Length 73.0	Fitting Dia. 100.0 Length 182.5 Flange Dia. 106.0 F/Dep. 8.0 F	1st 2.0H 2nd 2.0 Oil 3.0
1Z ◎Dyna 2953cc	96.0	4	TODKT8055	13101-78300	11461-78300 11461-78301 11461-67020	13011-78300 R28545
Piston :Round Combustion Chamber 50mm Liner : 				Length 94.4 Comp. Height 56.5 Pin Dia. 32.0 Length 77.0	Fitting Dia. 100.0 Length 182.5 Flange Dia. 106.0 F/Dep. 8.0 F	1st 2.0 2nd 2.0 Oil 4.0
11Z ◎Dyna 2953cc	96.0	6	TYKT1783000	13101-78300	11461-78300 11461-78301 11461-67020	13011-78300 R28545
Piston :Round Combustion Chamber 50mm Liner : 				Length 94.4 Comp. Height 56.5 Pin Dia. 32.0 Length 77.0	Fitting Dia. 100.0 Length 182.5 Flange Dia. 106.0 F/Dep. 8.0 F	1st 2.0 2nd 2.0 Oil 4.0
3L ◎Toyoace ◎Hi-Luxe ◎Hi-Ace Van LY51 2779cc	96.0	4	TYKT1541000	13101-54100	11461-54100	13011-54120 R28006
Piston : Al-Fin Liner : 				Length 80.3 Comp. Height 42.3 Pin Dia. 29.0 Length 74.0	Fitting Dia. 100.0 Length 190.0 Flange Dia. 108.0 F/Dep. 2.5 F 1.0	1st 2.0H 2nd 2.0 Oil 4.0

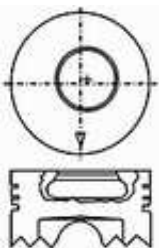
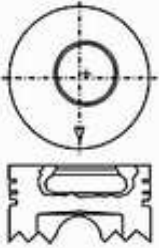
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING	
13Z	98.0	6	TYKT1787600	13101-78600	11461-78700	13011-78701- 13011-78760- R28065	
Piston : Al-fin & tin plated ,Round Combustion Chamber 45mm Liner : fully-finished				Length 94.5 Comp. Height 56.5 Pin Dia. 32.0 Length 77.0	Fitting Dia. 101.0 Length 181.5 Flange Dia. 107.0 F/Dep. 5.0 F	1st 2.0 2nd 2.0 Oil 4.0	
							
14Z	98.0	6	TYKT1787800	13101-78780 13101-78781	11461-78700	13011-78701- 13011-78760- R28065	
Piston : Al-fin & tin plated ,Round Combustion Chamber 47mm Liner : fully-finished				Length 94.5 Comp. Height 56.5 Pin Dia. 32.0 Length 77.0	Fitting Dia. 101.0 Length 181.5 Flange Dia. 107.0 F/Dep. 5.0 F	1st 2.0 2nd 2.0 Oil 4.0	
2Z	98.0	4	TYKT1787000	13101-78700	11461-78700	13011-78700 13011-78701- 13011-78760- R28065	
3496cc Piston :Round Combustion Chamber 56mm Liner :				Length 87.9 Comp. Height 50.0 Pin Dia. 32.0 Length 77.0	Fitting Dia. 101.0 Length 181.5 Flange Dia. 107.0 F/Dep. 5.0 F	1st 2.0 2nd 2.0 Oil 4.0	
							
2Z NEW	98.0	4	TYKT1787010	13101-78701	11461-78700	13011-78700 13011-78701- 13011-78760- R28065	
3496cc Piston :Round Combustion Chamber 52.4mm Liner :				Length 87.9 Comp. Height 50.0 Pin Dia. 32.0 Length 77.0	Fitting Dia. 101.0 Length 181.5 Flange Dia. 107.0 F/Dep. 5.0 F	1st 2.0 2nd 2.0 Oil 4.0	
							

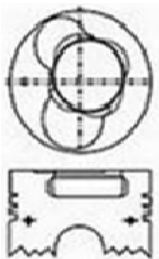
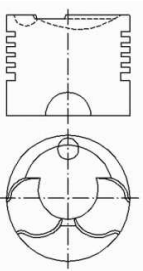
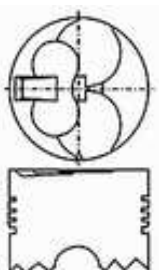
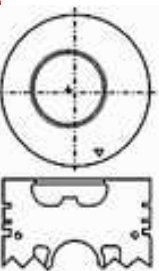
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON		LINER / SLEEVE		RING	
2B ©Landcruiser 3168cc	98.0	4	TODKT1701	13101-57011		11461-57010		13011-57010 R28180	
Piston : Liner :				Length Comp. Height Pin Dia. Length	101.2 52.2 32.0 77.0	Fitting Dia. Length Flange Dia. F/Dep. F	102.0 190.0 108.0 2.5 1.2	1st 2nd Oil	2.5H 2.5 4.5
5L ©Toyoace ©Hi-Luxe ©Hi-Ace Van LY51 2779cc	99.5	4	TYKT1541700	13101-54170		11461-54120		13011-54120 R28006	
Piston : Al-Fin,oil gallery, Liner :				Length Comp. Height Pin Dia. Length	80.2 42.2 29.0 74.0	Fitting Dia. Length Flange Dia. F/Dep. F	103.5 190.0 F	1st 2nd Oil	2.0H 1.5 4.0
13B ©Dyna Coaster 3431cc	102.0	4	TODKT4803	13101-58021		11461-58020		13011-58030 R28881	
Piston : Al-fin & Round Combustion Chamber 46mm Liner :				Length Comp. Height Pin Dia. Length	104.4 63.5 34.0 84.0	Fitting Dia. Length Flange Dia. F/Dep. F	106.0 190.5 112.0 2.5 1.2	1st 2nd Oil	2.5 2.5 4.5
13BT ©Dyna Coaster 3431cc	102.0	4	TYKT1580300	13101-58030		11461-58020		13011-58040 R28815	
Piston : Al-fin & Round Combustion Chamber 49mm Liner :				Length Comp. Height Pin Dia. Length	98.4 63.5 34.0 79.0	Fitting Dia. Length Flange Dia. F/Dep. F	106.0 190.5 112.0 2.5 1.2	1st 2nd Oil	2.5H 2.5 4.5

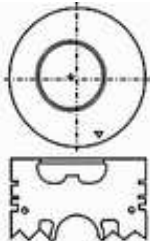
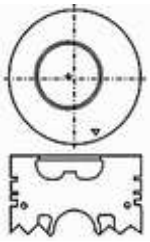
Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
14B ©Dyna Coaster 3660cc	102.0	4	TODKT6021	13101-58040	11461-58040	13011-58050 13011-58051 R28882
Piston : Al-fin & Round Combustion Chamber 42mm Liner :				Length 86.9 Comp. Height 51.8 Pin Dia. 32.0 Length 72.0	Fitting Dia. 106.0 Length 192.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 4.0
14BT ©Dyna Coaster 3660cc	102.0	4	TYKT1580600	13101-58060	11461-58040	13011-58060 R28575
Piston : Al-fin & Round Combustion Chamber 42mm Liner :				Length 94.8 Comp. Height 59.8 Pin Dia. 34.0 Length 79.0	Fitting Dia. 106.0 Length 192.0 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0
3B ©Landcruiser ©Dyna Coaster 3431cc	102.0	4	TODKT2702	13101-58011	11461-58010	13011-58010 13011-58011 R28880
Piston : Liner :				Length 101.3 Comp. Height 52.3 Pin Dia. 32.0 Length 84.0	Fitting Dia. 106.0 Length 188.0 Flange Dia. 112.0 F/Dep. 2.5 F 1.2	1st 2.5H 2nd 2.5 Oil 4.0
3B New ©Landcruiser ©Dyna Coaster 3431cc	102.0	4	TYKT1580500	13101-58050	11461-58010	13011-58050 13011-58051 R28880
Piston : Al-Fin Liner :				Length 101.2 Comp. Height 55.2 Pin Dia. 32.0 Length 72.0	Fitting Dia. 106.0 Length 188.0 Flange Dia. 112.0 F/Dep. 2.5 F 1.2	1st 2.5H 2nd 2.0 Oil 4.0

Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
1W	104.0	4	TYKT1780200	13101-78020	11461-78020 11461-78021 11461-78031 11461-78051	13011-78010 R28781
Piston :Round Combustion Chamber 51mm Liner : 				Length 106.2 Comp. Height 60.2 Pin Dia. 35.0 Length 85.0	Fitting Dia. 107.0 Length 201.0 Flange Dia. 112.0 F/Dep. 8.0 F 0.8	1st 2.5 2nd 2.0 Oil 5.0
2D DA115 © DA90,DB90,DA90D,DB92,DA95,DB102,DA110,DR11,DA115D,DB100C, 6494cc	105.0	6	TYKT1770130	13101-77013	11461-77040 11461-77015	13011-77022 13011-77023 13011-77010 13011-77020 R28710
Piston : Liner : 				Length 138.0 Comp. Height 73.0 Pin Dia. 34.0 Length 88.5	Fitting Dia. 115.5 Length 242.0 Flange Dia. 120.0 F/Dep. 10.0 F	1st 3.0 2nd 3.0 3rd 3.0 Oil 5.0 Oil 5.0
2D DA118 ©Truck 6494cc	105.0	6	11046-79055	13101-77020	11461-77021	13011-77040 13011-77041 13011-77050 R28160
Piston : Liner : 				Length 133.0 Comp. Height 73.0 Pin Dia. 34.0 Length 88.5	Fitting Dia. 115.5 Length 233.0 Flange Dia. 121.0 F/Dep. 10.0 F 1.2	1st 3.0H 2nd 2.5 3rd 2.5 Oil 5.0
15B	108.0	4	TYKT1580800	13101-58080 13101-58090	11461-58080 11461-58090	13011-58080
4104cc Piston : Al-fin, Round Combustion Chamber 48mm Liner : 				Length 94.5 Comp. Height 59.5 Pin Dia. 34.0 Length 73.0	Fitting Dia. 112.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0

Liner Kit for **TOYOTA** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
15BT 4104cc	108.0	4	TYKT1581010	13101-58101 13101-58081 13101-58091	11461-58080 11461-58090	13011-58090
Piston : Al-fin & Oil Gallery, Round Combustion Chamber 49mm Liner : 				Length 94.5 Comp. Height 59.5 Pin Dia. 34.0 Length 73.0	Fitting Dia. 112.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0H 2nd 2.0 Oil 4.0
15BT 4104cc	108.0	4	TYKT1511100	13101-58110 13101-58120	11461-58080 11461-58090	
Piston : Al-fin & Oil Gallery, Round Combustion Chamber 52mm Liner : 				Length 94.5 Comp. Height 59.5 Pin Dia. 34.0 Length 82.0	Fitting Dia. 112.0 Length 197.0 Flange Dia. F/Dep. F	1st 3.0 2nd 2.0 Oil 4.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3TNA68	68.0	3				
PISTON: LINER:				Length 65.5 Comp. Height 37.6 Pin Dia. 21 Length 56.5	Fitting Dia. 71.5 Length 142.0 Flange Dia. F/Dep. F	1st 1.5 2nd 1.5 Oil 3.5
3TNE68	68.0	3		119265-22090		
PISTON: LINER:				Length 53.0 Comp. Height 28.0 Pin Dia. 20.0 Length 55.0	Fitting Dia. 71.5 Length 142.0 Flange Dia. F/Dep. F	1st 1.5H 2nd 1.5 Oil 3.0
3TNA78 4TNA78	78.0	3 4		12900-22080		
PISTON: Round Combustion Chamber 42mm LINER:				Length 86.7 Comp. Height 50.2 Pin Dia. 26.0 Length 66.0	Fitting Dia. 81.5 Length 152.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
3T84 4T84	84.0	3 4		129367-22090		
PISTON: LINER:				Length 84.0 Comp. Height 42.0 Pin Dia. 26.0 Length 66.0	Fitting Dia. 87.5 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
3TNA84 4TNA84	84.0	3 4		129105-22080		
PISTON: Round Combustion Chamber 45mm LINER:				Length 86.7 Comp. Height 50.2 Pin Dia. 26.0 Length 66.0	Fitting Dia. 87.5 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
3TNE84 4TNE84	84.0	3 4		129002-22081		
PISTON: Al-Fin, Round Combustion Chamber 45mm LINER:				Length 84.0 Comp. Height 47.5 Pin Dia. 26.0 Length 69.5	Fitting Dia. 87.5 Length 150.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
4TNE88	88.0	4				
PISTON: Round Combustion Chamber 47.3mm LINER:				Length 84.0 Comp. Height 47.2 Pin Dia. 26.0 Length 70.0	Fitting Dia. 91.5 Length 165.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0
4TNV88	88.0	4		129005-22080		
PISTON: Round Combustion Chamber 43mm LINER:				Length 103.8 Comp. Height 59.8 Pin Dia. 26.0 Length 70.0	Fitting Dia. 91.5 Length 165.0 Flange Dia. F/Dep. F	1st 2.0 2nd 2.0 Oil 4.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D92E	92.0	4				
PISTON: AL-FIN LINER:				Length 103.8 Comp. Height 59.8 Pin Dia. 30.0 Length 73.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4D94E 4TNE94	94.0	4		129900-22080 129900-22011		
PISTON: Round Combustion Chamber 51mm LINER:				Length 103.7 Comp. Height 59.7 Pin Dia. 30.0 Length 73.0	Fitting Dia. 97.5 Length 185.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4D94E 4TNE94	94.0	4		129901-22081 129901-22090		
PISTON: Al-Fin LINER:				Length 103.7 Comp. Height 59.7 Pin Dia. 30.0 Length 73.0	Fitting Dia. 97.5 Length 185.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4D94E 4TNV94L	94.0	4		129906-22080 129906-22010		
PISTON: Al-Fin, Round Combustion Chamber 48mm LINER:				Length 98.7 Comp. Height 54.7 Pin Dia. 30.0 Length 73.0	Fitting Dia. 97.5 Length 185.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
4D94LE	94.0	4		129931-22100		
Piston : AL-FIN Liner :				Length 99.3 Comp. Height 55.4 Pin Dia. 30.0 Length 74.0	Fitting Dia. 97.5 Length 185.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4D98E 4TNE98	98.0	4		129903-22081 129903-22120		
Piston : AL-FIN Liner :				Length 99.2 Comp. Height 55.4 Pin Dia. 30.0 Length 72.0	Fitting Dia. 101.5 Length 187.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4D98E 4TNE98	98.0	4		129902-22080 129901-22080		
PISTON: Round Combustion Chamber 53mm LINER:				Length 98.6 Comp. Height 54.8 Pin Dia. 30.0 Length 72.0	Fitting Dia. 101.5 Length 187.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0
4TNV98	98.0	4		199927-22080 129907-22090 129908-22080		
Piston : AL-FIN, Round Combustion Chamber 50mm Liner :				Length 98.9 Comp. Height 54.9 Pin Dia. 30.0 Length 72.0	Fitting Dia. 101.5 Length 187.0 Flange Dia. F/Dep. F	1st 2.0H 2nd 2.0 Oil 3.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6CH	105.0	6		5724A		
Piston : AL-FIN, Round Combustion Chamber 58.7mm Liner :				Length 119.5 Comp. Height 69.5 Pin Dia. 36.0 Length 89.5	Fitting Dia. Length Flange Dia. F/Dep. F	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
6CH	105.0	6		5724		
Piston : AL-FIN, Round Combustion Chamber 54.9mm Liner :				Length 119.5 Comp. Height 69.5 Pin Dia. 36.0 Length 89.5	Fitting Dia. Length Flange Dia. F/Dep. F	1st 3.0 2nd 2.5 3rd 2.5 Oil 5.0
4TNE106T	106.0	4		123901-22080		
Piston : AL-FIN, Round Combustion Chamber 60mm Liner :				Length 111.2 Comp. Height 69.5 Pin Dia. 37.0 Length 83.5	Fitting Dia. 109.5 Length 206.0 Flange Dia. F/Dep. F	1st 2.5H 2nd 2.0 Oil 3.0
4T112 6T112	112.0	4 6				
Piston : Liner :				Length Comp. Height Pin Dia. Length	Fitting Dia. 117.0 Length 216.5 Flange Dia. 122.0 F/Dep. 5.0 F 1.1	1st 2nd Oil

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6HA	130.0	6				
Piston : AL-FIN, Round Combustion Chamber 70mm Liner :				Length 150.0 Comp. Height 92.0 Pin Dia. 48.0 Length 112.0	Fitting Dia. Length Flange Dia. F/Dep. F	1st 4.0 2nd 3.0 3rd 3.0 Oil 6.0
6GH-STE 6GX	117.9	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 74mm LINER:				Length 128.1 Comp. Height 78.1 Pin Dia. 46.0 Length	Fitting Dia. 136.0 Length 251.0 Flange Dia. 145.5 F/Dep. 11.0 F 1.3	1st 3.5 2nd 2.5 3rd 2.5 Oil 5.5
6GH-UTE 6GX	117.9	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 74mm LINER:				Length 128.1 Comp. Height 78.1 Pin Dia. 44.0 Length 95.0	Fitting Dia. 136.0 Length 251.0 Flange Dia. 145.5 F/Dep. 11.0 F 1.3	1st 3.5 2nd 2.5 3rd 2.5 Oil 5.5
6HA-DT	130.0	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 79.5mm LINER:				Length 150.0 Comp. Height 92.0 Pin Dia. 48.0 Length 114.4	Fitting Dia. 150.0 Length 294.0 Flange Dia. 162.0 F/Dep. 12.0 F 1.3	1st 4.0 2nd 3.0 3rd 3.0 Oil 6.0

Liner Kit for **YANMAR** engines

ENGINE	Bore Size (m/m)	No of Cyl.	LINER KIT	PISTON	LINER / SLEEVE	RING
6LAAK-UT	148.0	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 103mm LINER:				Length 167.9 Comp. Height 106.0 Pin Dia. 55.0 Length 124.0	Fitting Dia. 172.0 Length 312.5 Flange Dia. 184.0 F/Dep. 14.0 F 1.5	1st 4.0 2nd 3.5 3rd 3.5 Oil 6.0
6LA-DT	148.0	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 103mm LINER:				Length 167.9 Comp. Height 106.0 Pin Dia. 55.0 Length 120.0	Fitting Dia. 172.0 Length 312.5 Flange Dia. 184.0 F/Dep. 14.0 F 1.5	1st 4.0 2nd 3.5 3rd 3.5 Oil 6.0
6LAH-ST	150.0	6				
PISTON: Al-Fin, Oil Gallery, Round Combustion Chamber 100mm LINER:				Length 168.0 Comp. Height 106.0 Pin Dia. 58.0 Length 124.0	Fitting Dia. 172.0 Length 312.5 Flange Dia. 184.0 F/Dep. 14.0 F 1.5	1st 4.0 2nd 3.5 3rd 3.5 Oil 6.0