

# JAI AUTO INDUSTRIES

AN ISO 9001:2008 COMPANY

Ahmedabad-382415 (INDIA)

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**KNORR-BREMSE**

**AIR COMPRESSOR**

**ELGI**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
330	KG 50	50.00	64.75	46.50	3-3.0	1-4.0	18.05	42.00
205	ELGI 50	50.00					12.00	
349	KND 57	57.00	66.00		2-2.0	1-4.0	15.87	42.00
332	METRO	57.00	49.00	28.50	2-2.50	1-4.0	15.00	48.00
202	ELGI 60	60.00	72.00	45.00	2-3.0	2-4.0	18.00	51.00
329	KND 63	63.00	66.00	37.37	2-2.0	1-4.0	15.87	54.50
20	INGER SOLE RAND	63.50	49.80		2-3.17	1-3.17	20.62	53.00
263	LEYLAND CLAYTON DEWANDRE AE 19720	66.66	44.30	22.00	2-4.0	1-4.0	11.10	57.00
21	RMP FIAT	68.00	72.00	46.00	2-2.5	1-4.0	22.00	56.00
203	ELGI 70	70.00	75.00	45.00	2-2.5	2-4.0	18.00	60.00
255	LK-15 KS-99 939 600 KNORR-BREMSE	75.00	60.00	31.00	2-2.0	1-4.0	18.00	63.00
256	W 31 KS-94 061 700 KNORR 15.5 WESTING HOUSE	75.00	52.80	32.15	2-2.38	1-3.96	15.88	60.00
260	FIAT-AC67A ED 717P	80.00	63.30	28.30	2-2.0	1-4.0	14.00	72.00
259	FIAT-420.560	80.00			2-2.0	1-4.0	14.00	72.00
257	A2327	82.00	52.00	28.50	2-2.5	1-4.0	14.00	72.00
262	OM 457/ 904/906 KS-94 294 600	85.00	59.00	33.30	2-2.0	1-4.0	19.05	60.00
261	6388900/A KSK	86.00	57.00	26.50	2-2.0	1-3.0	18.00	63.00
258	OM 355/LP 1828 KS-94 070 600	88.00	65.00	31.00	2-2.0 1-2.5	1-4.0	18.00	63.00
405	OM 355/LP 1828	88.00	65.00	31.00	2-2.5	1-4.0	18.00	63.00
23	Benz/OM-401/402/403 404/407/409/421/422 KS-90 843 600 Man-2590/2538/ 2555/2556/2566/2840 KS-90 843 700	90.00	57.50	35.00	2-2.5	1-4.0	20.00	60.00

176	OM-411	90.00	67.00	37.00	2-2.5	1-4.0	20.00	60.00
175	MERCEDES COMPRESSOR(4RV)	90.00	67.00	37.00	3-2.5	1-4.0	20.00	60.00
394	OM 314/352 KS-94 037 600	94.00	52.30	27.00	2-2.50	1-2.50	16.00	66.00
74 O	OM-501/502/ 541/542/	100.00	52.20	30.00	2-2.5	1-4.0	20.00	50.00
74 N	OM 402 971 Man D 2840	100.00	52.20	30.00	2-2.5	1-3.0	20.00	50.00
529	MAN	100.00	74.00	40.00	3-2.5	1-5.0	20.00	91.00
530	MAN	100.00	747.00	40.00	2-2.5	1-4.0	20.00	91.00
204	ELGI 100	100.00	100.00		3-3.50	2-6.0	20.00	91.00
199	COMPRESSOR	123.75	112.00		2-3.17	2-6.35	25.40	



# ANDORIA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	S 231 C-330	102.00	130.00	75.50	2-2.5	2-5.5	38.00	
	S 320	120.00	165.60	100.00	3-3.0	2-5.5	45.00	99.50
	135mm	135.00						



# APE/GREAVES



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
531	APE CITY C.N.G	62.60	41.00	25.00	2-1.00	1-2.5	15.00	45.00
302	APE BS-1	86.00	72.00	44.00	2-2.0	1-4.0	20.00	67.00
303	APE BS-2	86.00	72.00	44.00	2-2.0	1-4.0	20.00	67.00
304	APE BS-2	86.00	72.00	44.00	2-2.0	1-3.0	20.00	67.00
305	APE BS-3	86.00	72.00	44.00	2-2.0	1-3.0	20.00	67.00
306	APE BS-3	86.00	67.00	44.00	2-2.0	1-3.0	20.00	67.00



# BMW

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
274	M20,B25 KS-93 127 600	84.00	69.40	34.50 (-6.4)	1-1.5 1-1.75	1-3.0	22.00	55.00
290	M40,B18 ME KS-90 920 600	84.00	58.00	31.65 (-5.2)	2-1.5	1-2.0	22.00	52.00
291	3161	84.00	66.70	41.20 (-2.8)	1-1.5 1-1.75	1-3.0	22.00	54.00
485	M52 B25 KS-40 303 600	84.00	52.70	32.70	2-1.50	1-2.00	22.00	56.00



# BRIGGS & STRATTON

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	BS 3	60.33	47.63	30.16	2-2.38	1-4.7	12.50	48.00
	BS 5	65.09	47.63	30.16	2-1.98	1-4.7	12.50	49.00



# CATERPILLER

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
387	3304 KS-93 611 600	120.65	115.05	73.90	1-3.16 1-2.38	1-5.54	38.12	94.80
388	D 3306 KS-90 262 600	120.65	129.90	73.90	2-3.12	1-3.16	43.18	96.00
392	1738 NP	120.65	129.90	73.90	1-3.16 1-2.38	1-3.17	43.18	95.00
389	3408/3412 KS-90 273 600	137.16	137.50	88.00	1-4.0 1-3.11	1-3.15	50.80	112.00



# CHEVROLET

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
280	OPTRA 1.8L 920 66 781	81.60	56.40	30.40 (-4.0)	1-1.2 1-1.5	1-3.0	21.00	61.50

## Chian Saw



# HUSQVARNA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	H-365	48.00	42.50	22.50	1-1.5		12.00	32.00
268	H-268	50.00	40.50	24.00	1-1.5		12.00	32.00
	H-272	52.00	40.50	24.00	1-1.5		12.00	32.00
	H-288	54.00	43.00	23.00	2-1.2		12.00	32.00
	H-395	56.00	49.00	27.00	2-1.5		13.00	38.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
351	4BT 3.9 6BT 5.9	102.00	105.36	71.56	1-3.0 1-2.35	1-4.0	40.00	76.00
352	6BT 5.9 EURO II	102.00	105.50	71.56	1-3.0 1-2.35	1-4.0	40.00	83.00
353	6BTA 5.9 EURO II	102.00	105.40	71.56	1-3.0 1-2.35	1-4.0	40.00	83.00
354	ISB 135 EURO III	102.00	105.40	71.50	1-3.0 1-2.35	1-4.0	40.00	83.00
402	6 BT 5.9 EURO2 KS-40 324 600	102.00	105.35	71.35	1-3.0 1-2.35	1-4.0	40.00	83.00
355	6CTA 8.3 EURO2 KS-99 865 600	114.00	120.30	78.61	1-3.50 1-3.0	1-4.0	45.00	91.00
479	6 CTAA	114.00	120.40	78.80	1-3.50 1-3.00	1-4.00	45.00	91.00



## DAEWOO

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
424	F8C 1211-A78B01-0A0	68.50	55.00	25.00	1-1.2 1-1.5	1-2.8	16.00	53.00
34	LENAN 1.5L P96143171	76.50	48.40	28.00	2-1.5	1-3.0	18.00	56.00
34A	CIERO 1.5L 90264520	76.50	51.20	28.00	2-1.5	1-3.0	18.00	56.00
41	NUBIRA-II 96182814	76.50	51.30	28.30	2-1.5	1-3.0	18.00	56.00
441	CIELO 1.5L 96182163	76.50	51.90	28.30	2-1.5	1-3.0	18.00	56.00
281	NUBIRA 96182846	79.00	51.30	28.40	1-1.2 1-1.5	1-3.0	18.00	56.00
416	X 20 SE/NUBIRA MA-011 03 00	86.00	55.40	30.40	2-1.5	1-3.0	21.00	62.00
396	D0846 65-02501-0014	108.00	145.50	89.00 -41.80	2-2.5	1-5.0	42.00	90.00


**DAF**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
403	EN 55/XD 3P	94.00	96.42	53.92	2-2.00	1-4.00	30.00	79.00
391	XF 250/280/315 M KS-94 896 600	130.00	143.00	95.00	1-4.0 1-3.16	1-4.0	52.00	106.00


**DAIHATSU**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
301	AB MIRA 13101-87246-0	66.60	56.60	28.70 (-6.3)	1-1.20 1-1.50	1-2.80	18.00	52.00
627	S-10P 13101-87022	71.60	62.60	30.30	2-1.5	1-2.8	18.00	61.00
612	CL 13101-87725/27	76.00	70.50	38.50 (-1.0)	1-2.00 1-1.50	1-3.00	21.00	63.00
78	G 11 13101-87719	76.00	60.60	28.50 (-4.0)	2-1.50	1-2.80	18.00	61.00


**DEUTZ/KHD/MAGIRUS**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
24	FL 912D	100.00	123.60	71.90	1-3k 2-2.5	1-5.0	35.00	80.00
25	FL 912D KS-91 395 600 MAH-0993300 AE-350094	100.00	123.60	71.90	1-3K 2-2.5	1-5.0	35.00	80.00
26	FL 912 D NEW	100.00	123.60	71.90	1-3K 2-2.5	1-5.0	35.00	80.00
27	FL 912 3 RING TYPE	100.00	123.60	71.80	1-3K 1-2.0	1-3.5	35.00	80.00
28	FL 912 3 RING TYPE	100.00	123.60	71.80	1-3K 1-2.0	1-3.0	35.00	80.00
312	BF4M/BF6M EURO 2	101.00	86.10	50.60	1-2.5 1-2.0	1-3.0	38.00	76.00
29	FL 913	102.00	123.60	69.10	1-3K 2-2.5	1-5.0	40.00	80.00



**EICHER**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
313	CANTER 18999767	100.00	95.60	60.60	1-3.0 1-2.0	1-3.0	34.00	73.00
	EDK 1/2/3/4/6	100.00	121.00	81.00	3-3.0	1-5.0	35.00	85.00
	ED1/ED2/ED3	115.00	165.00	87.00	3-4.0	2-6.0	40.00	93.00



**FIAT**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
292	PALIO/STRADA 1000C.C	70.00	54.00	33.10	2-1.2	1-2.5	18.00	53.00
88	M 705 UNO 1.9 D	82.60	76.00	42.2 (+2.5)	1-2.5 1-2.0	1-3.0	25.00	69.50
89	DJY,D9B,XUD9A KS-93 648 700	83.00	84.30	46.80 (-2.2)	2-2.0	1-3.0	25.00	72.00
271	MOTOR 132	84.00	79.55	38.45 (+1.6)	1-1.5 1-2.0	1-4.0	22.00	68.00
318	8045.25 S EURO II	104.00	104.00	65.33 (-21.4)	1-3.0 1-2.5	1-4.0	38.00	85.00
399	8340.05/8660.05 KS-93 209 600	115.00	140.50	76.50	2-2.50	1-4.0	42.00	97.00



# FORD

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
316	F6JA,F6JB KS-40 469 600	73.70	65.44	42.94	1-2.5 1-2.0	1-2.5	25.60	
293	JBC,JBE,J4B KS-99 419 600	74.00	53.90	29.40	1-1.50 1-1.75	1-3.00	18.00	64.00
164	751M,BG2C KS-92 456 610	80.99	83.60	44.10	1-1.6 1-2.0	1-4.0	20.64	72.00
308	W T A KS-92 721 600	90.00	96.35	57.20	3-2.0	1-4.0	28.00	77.00
294	F 2000	90.81	79.50	41.50	1-2.0 1-2.5	1-4.0	24.00	70.00
287	NAT,NAV,4RC 92 282 604	KS 90.83	78.25	40.25	1-2.0 1-2.50	1-4.00	24.00	73.00
483	SCB/VM425 KS-92 286 700	92.00	86.00	51.20	1-2.5 1-2.0	1-4.0	30.00	76.00
310	V4/V6	93.65	94.90	46.00	2-2.0	1-4.80	23.81	75.00
311	4AB,4BA,4BB KS-92 189 600	93.67	94.00	59.50	1-2.5 1-2.0	1-4.0	29.00	77.00
	Series 6Y, 3000,3cyl/500,4cyl	106.70	127.00	70.20	3-2.38k	1-4.76	38.10	89.00
	Series 6Y, Major4000/4600 Al-fin Design	111.78	126.98	68.12	3-2.38k	1-4.76	38.10	89.00
	Series 6Y, Major5000/6600/6700 Al-fin Design	111.78	129.52	70.66	3-2.38k	1-4.76	38.10	89.00



# GARDNER

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
270	L 3 B	139.50	240.40	141.90	2-3.20	2-6.40	50.80	124.00



# HATZ

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
132	E-80/new OLD	80.00	92.00	56.00	2-2.5	1-4.0	30.00	66.00
					2-3.0	1-5.0		
133	E-89/new OLD	90.00	103.50	53.50	2-2.0	1-4.0	30.00	78.00
					2-3.0	1-5.0		
136	E-108	108.00	108.70	70.90	1-2.5k	1-5.0	35.00	85.00
					2-3.0			





KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
581	DM-100,KM-100 13216-1120	90.00	104.00	53.80	3-2.5	2-4.0	29.00	77.00
550	DQ100 13216-1130	92.00	104.00	53.80	3-2.5	2-4.0	29.00	77.00
198	W04D 13216-1460	104.00	106.20	60.20	1-2.5 1-2.0	1-5.0	35.00	85.00
319	W06DA	104.00	108.60	62.60	1-2.8 1-2.5	1-5.0	37.00	85.00
	W06D 13216-1470	104.00	108.60	62.70	1-2.5 1-2.0	1-5.0	35.00	85.00
663	W06E 13211-2070/13216-1720	104.00	106.20	60.20	1-2.5 1-2.0	1-5.0	35.00	85.00
467	H06C TI/C TL 13216-2840	108.00	121.50	69.50	1-2.8 1-2.0	1-4.0	39.00	90.00
644	H06CTL 13216-2010	108.00	121.50	69.60	1-3.0 2-2.5	1-5.0	39.00	90.00
546	EH-700 13216-1180/13211-1471	110.00	121.30	69.30	1-2.8 2-2.5	1-5.0	39.00	90.00
545	H07C NEW 13216-1771/13216-2300	110.00	121.50	69.50	1-3.0 2-2.5	1-5.0	39.00	90.00
356	H07C OLD 13216-2290	110.00	121.90	69.50	1-3.0 2-2.5	1-5.0	39.00	90.00
646	J08C/C S130A-E0100	112.00	100.00	57.00	1-2.5 1-2.0	1-4.0	37.00	84.00
564	J05C 13216-2631	114.00	100.00	57.10	1-3.0 1-2.0	1-4.0	37.00	84.50
650	EP100 13216-1420/13216-1450	120.00	144.60	85.60	1-3.5 1-3.0	1-2.5 1-5.0	47.00	99.00
652	EP100 4V 13211-2061	120.00	144.60	85.60	1-3.5 1-3.0	1-5.0	47.00	99.00
539	EM 100 13216-1370	124.00	139.40	80.40	1-2.8 1-2.5	1-3.0 1-5.0	42.00	98.00
656	EF500 13216-1022/13211-1112	135.00	145.40	90.30	1-3.3 2-3.5	1-6.0	50.00	110.00
651	K13D 13211-2470/13216-2100	135.00	144.30	90.30	1-3.3 2-3.5	1-5.0	50.00	110.00
657	F17E 13226-1180/13211-2481	139.00	144.40	90.40	1-3.35 2-3.5	1-5.0	50.00	110.00
648	V22CL/V22CR 13211-2626B-L 13211-1182B-R	139.00	144.30	90.30	1-3.5 2-3.5	1-6.0	50.00	110.00
653	F20C/A 13221-1242 -R 13211-2502-L	146.00	138.40	84.30	1-3.35 2-3.5	1-5.0	50.00	110.00
654	F20C 13211-2951-L 13221- -R	146.00	138.30	84.50	1-3.35 2-3.0	1-4.0	50.00	110.00



# HONDA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
596	L13A 13101-PWA-M00	73.00	47.30	26.30	1-1.0 1-1.2	1-2.0	18.00	54.00
608	D15B2/D15B1 13101-PM3-000	75.00	60.90	30.90	1-1.2 1-1.5	1-2.8	19.00	56.00
603	D15B-II 13101-PM3-P02	75.00	60.90	30.90	1-1.2 1-1.5	1-4.0	19.00	56.00
610	D16A6-II 13101-PM6-000	75.00	59.60	29.50	1-1.2 1-1.5	1-2.8	19.00	56.00
611	D17A2 13010-PLR-A00	75.00	46.40	26.90	1-1.0 1-1.2	1-2.0	19.00	56.00
616	D16Y8 13010-P2P-000	75.00	49.40	29.30	1-1.0 1-1.2	1-2.8	19.00	56.00
605	BS/A20A1 13101-PJ0-660	82.70	65.30	29.80	2-1.5	1-4.0	20.00	62.00
594	ADP 13101-ADP-000	85.00	52.10	30.50	2-1.2	1-2.8	22.00	57.00
630	F20B/TORNEO 13010-PCB-000	85.00			2-1.2	1-2.8	22.00	57.00
595	F23A 13010-PCG-010	86.00	51.50	30.00	2-1.2	1-2.8	22.00	54.00
629	RA6/ODYSSEY 2.3 13010-PFV-000	86.00	51.80	30.00	2-1.2	1-2.8	22.00	57.00
593	F23A1 13010-PAA-A00	86.00	51.60	30.10	2-1.2	1-2.8	22.00	54.00
602	J35A1 13101-P8F-A00	89.00	51.50	30.00	2-1.2	1-2.8	22.00	54.00
662	ZY3 13101-ZY3-A00	89.00	53.10	30.00	2-1.2	1-2.8	22.00	54.00



# HONDA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
246	Em 500/650	46.00	43.00	20.00	2-1.5	1-2.5	10.00	38.00
300	EGK 600(EX-800) ZCO	52.00	42.50	20.50	2-1.5	1-2.5	10.00	38.00
247	Gx 110(ZEO) 131A-ZEO-000	57.00	46.10	21.50	2-1.5	1-2.5	13.00	46.00
242	Gx 120 ZH7 HF	60.00	46.00	21.00 -1.20	2-1.5	1-2.5	13.00	46.00
248	Gx 140(ZE1) 13101-ZE1-003	64.00	53.50	23.70	2-1.5	1-2.5	18.00	53.00
245	G 150	64.00	54.00	23.50	2-2.0	1-3.0	15.00	52.00
241	GS 160	64.00	53.00	26.50	2-2.5	1-4.00	13.00	53.00
244	G 200 13101-883-013	67.00	55.80	23.50	2-2.0	1-3.0	15.00	52.00
243	Gx 160(zfi) 13101-zfi-000	68.00	53.40	23.50	2-1.5	1-2.5	18.00	53.00
	Gs 200	69.00	54.00	31.30	2-2.0	1-3.0		
	Gx 240(ze2) 13101-ze2-000	76.00	65.00	29.10	2-2.0	1-2.8	16.00	59.00
249	G 300	76.00	65.00	29.00	2-2.0	1-4.0	16.00	56.00
	G 400	86.00	73.00	32.00	2-2.5	1-4.0	19.00	68.00



# HYUNDAI

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
45	A TO Z 23410-02700	66.00	50.00	25.00 (-4.5)	2-1.2	1-2.5	17.00	46.50
44	ATOS G4HG 1.1L 23410-02470	67.00	48.60	24.60 (-4.3)	2-1.2	1-2.0	17.00	46.50
427	X3,G4EH 23410-22360/50	71.50	54.30	31.20	2-1.50	1-3.0	18.00	47.50
442	X3-II 23410-22712	71.50	53.80	30.80	2-1.50	1-3.0	18.00	47.50
411	PONY 1 23410-11424	73.00	70.20	33.30	2-1.5	1-4.0	19.00	64.00
71	G4EK-ALPHA 23410-22400	75.50	54.40	31.40 (-0.75)	2-1.5	1-3.0	18.00	48.00
425	G4EB 23410-22921/22	75.50	53.70	30.70	2-1.50	1-3.0	18.00	47.50
443	ACCENT1.6L/G4ED 23410-26111	76.50	50.20	28.20	2-1.20	1-2.50	18.00	47.50
433	G4GF 23410-23210	82.00	62.00	31.00	2-1.20	1-2.50	20.00	59.00
317	D3EA-ACCENT 23410-27924	83.00	72.30	46.30 (-13.8)	2-2.0	1-3.0	28.00	65.00
363	D4BB 23410-42701	91.10	76.20	46.20	2-2.0	1-3.0	29.00	75.00
457	D4BH-TCI 23410-42170	91.10	88.70	48.70	1-2.5 1-2.0	1-4.0	29.00	75.00
72	D4BX 23410-42010/20	91.10	88.80	48.70	1-2.5 1-2.0	1-4.0	29.00	75.00
102	D4BF-T 23410-42850/60	91.10	88.80	48.70	1-2.5 1-2.0	1-4.0	29.00	75.00
72 A	D4BA 23410-42201	91.10	88.70	48.70	2-2.0	1-3.0	29.00	75.00
414	XG 350 23410-39810	93.00	54.20	31.20	2-1.50	1-3.00	22.00	64.00
458	D4AE 23410-41410	100.00	110.60	60.60	1-3.0 1-2.0	1-4.0	34.00	83.50
361	D4AF 23410-41210	104.00	110.70	60.70	1-3.0 1-2.0	1.4.0	34.00	83.50
464	6D22-T 23411-83803	130.00	158.10	81.10	1-3.5 1-3.0	1-4.0	50.00	105.00



# INTERNATIONAL

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	BD144/ 144A	85.73	98.98	50.95	1-2.38k 2-2.38	2-4.76	28.00	77.00
	BD154, B414,B434	88.90	99.00	51.00	1-2.38k 2-2.38	2-4.76	28.00	77.00
	BD 264	101.60	135.00	79.52	3-2.38	2-6.35	33.33	89.00

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
432	4EE1-T 8-97043-772-0	79.00	69.80	39.70	1-2.0 1-1.50	1-3.0	27.00	64.00
634	C220 9-12111-302-0	83.00	95.00	48.00	3-2.0	2-4.0	25.00	72.00
416	X 20 SE 9-05010-58	86.00	55.40	30.40	2-1.50	1-3.00	21.00	62.00
455	C-190 5-12111-119-0	86.00	95.60	51.60	3-2.00	1-5.00	27.00	72.00
540	C-190 3R 5-12111-255-0	86.00	96.60	51.50	1-2.5 1-2.0	1-5.0	27.00	68.00
552	C-240 OLD 9-12111-813-0	86.00	95.40	51.50	3-2.0	1-5.0	27.00	72.00
4	4FG1 8-94454-813	89.30	80.70	47.20 (-2.8)	2-2.0	1-4.0	27.00	68.00
107	4JA1 8-94152-712-1	93.00	87.90	47.80 (-14.6)	2-2.0	1-4.0	31.00	77.00
565	4JA1 LATE 8-94436-892-0	93.00	102.80	47.80	2-2.0	1-4.0	31.00	76.00
558	4JB1 8-94152-711-1	93.00	91.80	51.90	2-2.0	1-4.0	31.00	77.00
566	4JB1-T LATE 8-97108-621-0	93.00	91.80	51.90	2-2.0	1-4.0	34.00	78.00
197	4JA1T NEW 8-97942-985-0	93.00	102.80	47.80 (-17.3)	2-2.0	1-4.0	31.00	76.00
576	4JH1-TC 8-97305-585-3	95.40	88.90	49.90	1-2.5 1-2.0	1-3.0	31.00	76.00
562	4JK1 8-973-55-671-0	95.50	87.20	58.50	1-2.0 1-1.5	1-3.0	34.00	78.00
574	4JJ1 8-97367-397-1	95.50	78.50	49.80	1-2.0 1-1.5	1-3.0	34.00	78.00
551	4BA1 5-12111-055-1	98.00	112.30	62.60	1-3.0 1-2.5	1-5.0	33.00	85.00
541	4BB1/6BB1 5-12111-013-0	102.00	112.40	62.80	1-3.0 1-2.5	1-5.0	35.00	87.50
559	4BC1 5-12111-172-1	102.00	112.10	58.60	1-3.0 1-2.5	1-5.0	33.00	83.00
549	4BD1/6BD1 5-12111-068-0	102.00	104.30	58.80	1-3.0 1-2.5	1-5.0	35.00	87.50
367	4BD1 LATE 8-94452-912-0	102.00	98.30	58.90	1-3.0 1-2.5	1-5.0	35.00	87.50
548	4BD1-II/6BD1-II 1-12111-240-1	102.00	104.20	58.80	1-3.0 1-2.5	1-5.0	35.00	87.50
	4BD1-III/6BD1-III 5-12111-649-1	102.00	98.30	58.90	1-3.0 1-2.5	1-5.0	35.00	87.50
	4BE1 8-94478-116-0	105.00	95.70	56.40	1-3.0 1-2.5	1-5.0	35.00	85.00

49	4BE1-II 8-94438-989-1	105.00	95.60	56.40	1-3.0 1-2.5	1-5.0	35.00	85.00
567	6BF-1 1-12111-345-0	105.00	110.00	58.70	1-3.0 1-2.5	1-5.0	35.00	87.50
542	6BG1 1-12111-377-4	105.00	94.50	55.30	1-3.0 1-2.5	1-4.0	35.00	87.50
365	6BG1-T 1-12111-626-0	105.00	94.50	55.20	1-3.0 1-2.5	1-4.0	35.00	87.50
573	6BG1-4G 8-97358-574-0	105.00	94.60	55.20	1-3.5 2-2.5	1-4.0	35.00	87.00
366	4HE1-TC 8-94391-696-0	110.00	110.00	66.20	1-3.0 1-2.0	1-1.2 1-3.0	40.00	87.00
547	6HE1-T 8-94391-594-0	110.00	119.90	66.10	1-4.0 1-3.0	1-2.5 1-3.0	40.00	87.00
155	4HF1 8-97095-585-1	112.00	94.60	0.80	1-3.0 1-2.5	1-4.0	36.00	79.00
154	4HF1-II 8-97095-654-0	112.00	94.60	60.80	1-3.0 1-2.5	1-4.0	36.00	79.00
462	6HK1-TC 8-94391-895-1	115.00	119.70	66.10	1-3.00 1-2.00 1-2.50	1-3.00	40.00	87.00
572	6SA1 1-12111-217-1	115.00	104.00	67.80	1-3.0 1-2.5	1-4.0	38.00	80.00
570	4HK1-TCS 8-97602-800-0	115.00	96.60	66.10	1-3.0 1-2.5	1-4.0	40.00	87.00
465	10PC 1 1-12111-419-2	119.00	104.00	67.70	1-3.0 1-2.5	1-4.0	38.00	80.00
569	6RB1 1-12111-245-0	135.00	143.10	82.20	1-4.0 1-2.5	1-5.0	50.00	105.00
655	6WFI 1-12111-999	147.00	142.90	86.20	2-3.0 1-2.5	1-4.0	56.00	104.00

# Jeep JEEP WILLYS

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
297	488 ANP	79.38	95.10	55.70	1-2.0 2-2.4	2-2.8	20.62	76.60



JOHN DEERE

# JOHN DEERE

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
16	6329 D	102.00	112.00	66.30 (-21.5)	1-3.17 1-2.5	1-5.0	34.92	84.00
18	4239 D 6359 D	106.50	112.00	66.40 (-18.75)	1-3.17 1-2.5	1-5.0	34.92	84.00
315	3029(2.9D0 106L 1816 GOETZE	106.50	95.25	66.25 (-22.0)	1-2.38 1-2.5	1-3.5	32.00	79.00
400	106 KS-89 028 110	106.50	104.60	71.60	1-3.17 1-2.38	1-3.5	41.30	72.00





KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
44	PICANTO 23410-02270	67.00	48.60	24.60 (-4.3)	2-1.2	1-2.0	17.00	46.50
439	ASIA-TOWNER AA100-11-102B/C	70.00	69.50	30.00	1-1.20 1-1.50	1-2.80	18.00	59.00
267	Pride,B3 KK1Y0-11-SAO	71.00	60.00	28.80 -2.00	1-1.2 1-1.5	1-3.0	20.00	52.00
423	B3-II B3Y6-11-SAO	71.00	60.00	29.40	1-1.2 1-1.50	1-3.0	20.00	52.00
48	B6D K2Y0-11-SAO	78.00	63.00	31.30	2-1.5	1-3.0	20.00	65.00
430	B6-II B6Y2-11-SAO	78.00	63.00	32.50	2-1.50	1-3.0	20.00	65.00
431	B6E/A K2Y1-11-SAO	78.00	63.00	31.30	2-1.50	1-4.0	20.00	69.00
415	SPECTRA 23410-2Y010	81.00	50.40	30.20	2-1.20	1-2.50	20.00	58.00
418	FS/FP FP01-11-SAO	83.00	53.90	29.90	1-1.20 1-1.50	1-3.0	19.00	58.00
1	FE FEY2-11-SAO	86.00	71.10	36.00	2-1.5	1-4.0	22.00	72.00
307	SS K2700 K4Z0-11-SAO	92.00	103.50	60.40	1-2.85 1-2.40	1-4.0	31.75	75.00
456	K2700 K6Z1-11-SAO	94.50	84.60	50.00	2-2.0	1-3.0	30.00	75.00
446	CARNIVAL-II OK5Z-11-SAO	97.10	84.00	52.00	1-2.0 1-2.0	1-3.00	32.00	78.00
362	JT 3.0 K7Z1-11-SAO	98.00	76.10	45.50	2-2.0	1-3.0	30.00	78.00
14	SH K3600 K4Y1-11-SAO	100.00	102.00	56.20	2-2.0	1-3.0	34.00	82.00
172	JD K3500 K4Y0-11-SAO	100.00	105.00	58.00	1-2.5 1-2.0	1-4.5	34.00	82.00
173	K3600S SH K4Y2-11-SAO	100.00	102.00	56.20	2-2.00	1-3.00	34.00	82.00

# KOMATSU

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	4D92 6140-31-2010	92.00	104.00	59.80	1-2.0 1-2.0	1-3.0	30.00	73.00
491	4D94E 129901-22080	94.00	104.00	59.80	1-2.0 1-2.0	1-3.0	30.00	73.00
492	4D94E-2 129931-22100	94.00	104.00	59.80	1-2.5 1-2.0	1-4.5	30.00	73.00
640	6D95 6202-32-2130	95.00	104.10	61.05	1-2.5 1-2.0	1-4.0	30.00	73.00
639	S4D105/S6D105-5A/B 6137-32-2110	105.00	107.70	69.10	1-3.0 1-2.5	1-5.0	40.00	85.00
643	S4D 6131-32-2120	105.00	107.30	68.80	1-3.0 1-2.5	1-5.0	38.00	88.00
641	SA6D 6137-32-2130	105.00	107.70	69.10	1-3.0 1-2.5	1-5.0	40.00	86.00



## KUBOTA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
660	L1500 15211-21110	76.00	80.00	43.50	1-2.5 1-2.0	1-5.0	23.00	64.00
618	616483	83.00	80.00	43.50	1-2.0 1-2.0	1-5.0	25.00	64.00
	61A021	83.00	80.00	43.50	1-2.0 1-2.0	1-4.0	25.00	64.00
631	KND80/ET80 14911-2111	84.00	77.10	43.10	3-2.0	1-4.5	25.00	70.00
621	ET95 14921-2111	86.00	88.00	47.00	1-2.5 2-2.0	1-4.5	27.00	72.00
489	CT4-134/V2203 16427-2110	87.00	80.00	43.50	1-2.5 1-2.5	1-5.0	25.00	64.00
622	KND105/ET110 14931-2111	92.00	88.00	47.00	1-2.5 2-2.0	1-4.5	27.00	72.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	1200c.c Nova junior	76.00	77.00	38.00	1-1.5 1-2.0	1-4.0	22.00	67.00
	Lada 1300 Nova	79.00	76.80	37.90	1-1.5 1-2.0	1-4.0	22.00	67.00
	Lada 1500 Samana	82.00	66.00	38.00	1-1.5 1-2.0	1-4.0	22.00	67.00



## LANDROVER

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
196	Landrover O.H.V. series II,IIA,III AE-20128V3	90.47	100.00	58.50	2-1.8	1-4.75	25.40	76.00
	Landrover O.H.V.series II,IIA,III	90.47	100.00	58.50	2-1.8	2-4.75	25.40	76.00
	Landrover O.H.V.2200 SC ETC 6816	90.47	89.30	54.50 -1.00	2-1.8	1-4.75	25.40	76.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	4/98 series 6/98 series	98.00	116.15	68.20	1-2.38k 2-2.38	1-6.35	36.51	83.60
	350 Mk III	100.63	132.75	81.95	3-3.41	2-6.35	33.02	88.00
	LEYLAND 401	107.23	145.59	82.16	2-3.430	2-6.35	33.02	91.00
333	LEYLAND 402 AL-FIN 4RV	107.22	145.59	82.13	1-3.17 1-2.38	1-4.76 1-6.35	41.28	88.50
334	411,412 AL-FIN 3RV	107.22	145.59	82.13	1-3.17 1-2.38	1-4.76	41.28	88.50
335	LEYLAND-400 AL-FIN 4RV	107.22	145.59	82.13	1-2.38 1-2.38	1-4.76 1-4.76	33..02	90.00
397	LEYLAND 0680 AE-464003	127.02	159.44	101.07	1-2.38 2-3.17	2-6.35	41.28	111.76



**LISTER**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
123	L.P.A	76.00	65.00	42.00	1-1.8 1-2.0	1-4.0	25.00	58.00
126	L R series	76.20	103.20	65 (-15.4)	1-3.17k 2-2.38	2-3.96	25.40	64.00
	AD/LD	76.20	104.20	66.00	1-3.96k 2-2.38	2-3.96	25.40	64.00
129	S L series	80.96	103.20	65.00	1-3.96k 2-2.38	2-3.96	26.98	70.00
127	LT series	82.55	83.00	47.65	1-2.38k 1-1.98	2-3.96	28.57	70.00
124	L.P.W	86.00	69.00	43.00	1-1.8 1-2.0	1-4.0	25.00	64.00
121	S R series	88.90	103.20	65.08	1-3.17k 2-2.38	2-3.96	29.37	76.00
119	S T series	95.25	103.20	65.15	1-3.17k 2-2.38	2-4.76	33.33	80.00
128	F R series, freedom	95.25	127.00	73.00	1-4.76 2-3.17	2-4.76	31.75	79.00
125	T R series	98.42	89.24	58.79	3-3.17k 1-2.38	1-4.76	33.33	83.00
122	H A series H B/H W	101.60	127.00	73.00	1-4.76k 2-3.17	2-4.76	36.51	84.00
120	H R A series H R W H R S6(6cyl)	107.95	127.00	73.00	1-3.96k 2-3.17	2-4.75	39.68	89.00
	5/1,6/1,10/2	114.30	137.16	64.83	4-3.17	1-4.63	31.75	98.00
	8/1,16/2	114.30	137.16	64.83	1-4.76k 2-3.17	1-4.63	31.75	98.00
	J P 8/1,10/1	120.00	138.00	63.90			31.75	105.00
130	LISTER	130.40						
131	LISTER	140.00						



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
401	D 834 LFL 87-136500-10	108.00	103.00	63.90	1-3.0 1-2.5	1-3.0	42.00	86.00
396	D0846 KS-92 666 600	108.00	145.50	89.00	2-2.5	1-5.0	42.00	90.00
381	D 2565/2566 KS-92 824 600	125.00	141.87	89.87	2-3.0	1-5.0	46.00	105.00
314	D 2866 EURO 2/3	128.00	141.75	89.75 (-22.8)	1-4.0 1-3.0	1-4.0	46.00	105.00
382	D 2866 KS-94 850 600	128.00	141.75	89.75 (-22.8)	1-4.0 1-3.0	1-4.0	46.00	105.00
383	D 2865 L	128.00	141.75	89.75	1-3.50 1-3.0	1-5.00	46.00	105.00
384	D 2865 LF/2866	128.00	141.75	89.75	1-3.50 1-3.0	1-5.00	46.00	105.00
385	D 2876 KS-94 846 600	128.00	134.25	79.25	1-4.0 1-3.0	1-4.0	50.00	107.00
386	D 2866 KS-90 341 600	128.00	141.87	89.87	1-3.5 1-3.0	1-5.0	46.00	105.00



# MAZDA

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
267	B3 B3YO-11-SAO	71.00	60.00	28.80 -1.20	1-1.2 1-1.5	1-3.0	20.00	52.00
423	B3-II B3C7-11-102	71.00	60.00	29.40	1-1.2 1-1.50	1-3.0	20.00	52.00
606	B3-III B3Z0-11-SAO	71.00	60.00	28.80	1-1.2 1-1.5	1-3.0	20.00	52.00
553	TC LATE 8034-23-200	73.00	64.30	31.00	2-1.5	1-4.0	20.00	65.00
276	E3/E5 OLD E302-23-200A	77.00	61.70	29.00	1-1.5 1-2.0	1-4.0	20.00	65.00
615	UC 8569-23-200	77.00	63.00	31.00	2-1.5	1-4.0	20.00	65.00
430	B6-II B6Y2-11-SBX	78.00	63.00	32.50	2-1.50	1-3.0	20.00	65.00
454	F 6 F605-23-200	81.00	76.00	34.30	2-1.50	1-4.0	22.00	67.00
31	BP-II BPZ0-11-SAO	83.00	63.00	30.70	2-1.5	1-3.0	20.00	57.00
601	FP FPY1-11-SAO	83.00	53.80	29.80	1-1.2 1-1.5	1-3.0	19.00	58.00
418	FS/FP FSY1-11-SAO	83.00	53.90	29.90	1-1.20 1-1.50	1-3.0	19.00	58.00
104	F 8 F801-11-102	86.00	71.00	34.00	2-1.5	1-4.0	22.00	66.00
419	FE FE01-23-200	86.00	71.00	34.00	2-1.50	1-4.0	22.00	67.00
359	SF K2400 K7Z0-11-SAO	92.00	94.60	50.60	2-2.40	1-4.0	28.00	75.00
307	SS K2700 K4Z0-11-SAO	92.00	103.50	60.40	1-2.85 1-2.40	1-4.0	31.75	75.00
556	ZB V101-23-200	92.00	103.30	60.30	2-2.4	1-4.8	31.75	75.00
459	WL-T WLY8-11-SAO B	93.00	87.30	47.80	1-2.5 1-2.0	1-3.0	32.00	70.00
144	JS K2700 K6Z1-II-SAO	94.50	81.70	50.00	2-2.0	1-3.0	30.00	75.00
42	HA-II SE01-23-200A	95.00	100.70	53.70	2-2.4	1-4.75	30.00	79.00
11	SL BLACK SL07-23-200	100.00	105.00	58.00	1-2.5 1-2.0	1-4.5	34.00	82.00
15	T 3500 SL01-23-200A	100.00	105.00	58.00	1-2.5 1-2.0	1-4.5	34.00	82.00
364	SL-T SL50-11-SAO	100.00	105.20	58.20	1-2.5 1-2.0	1-4.5	34.00	82.00



# MERCEDES BENZ

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
91	OM 601/602/603 KS-94 330 600	87.00	74.90	44.90	1-2.5 1-2.0	1-3.0	26.00	55.00
309	OM 611/612 EURO 3 KS 97 409 600	88.00	72.30	42.30	1-2.5 1-2.0	1-3.0	30.00	70.00
279	M 102 KS-93 613 700	89.00	83.20	43.20	1-1.75 1-2.00	1-3.5	24.00	62.00
473	OM 601/602/661 KS-910 372 600	89.00	74.65	44.65	1-2.5 1-2.0	1-3.0	26.00	62.00
474	OM 602 EURO-2 KS-94 823 700	89.00	71.25	44.75 φ16.73	1-2.5 1-2.0	1-3.0	28.00	70.00
90	OM 616.910 KS-93 444 600	90.90	81.80	48.30	1-3.0 1-2.0	1-4.0	26.00	74.00
472	OM 617 KS-93 255 600	90.90	81.85	48.35	1-3.0 1-2.0	1-4.0	28.00	77.00
95	M 115 KS-92 931 600	93.75	82.00	51.80	1-1.8 1-2.5	1-4.0	26.00	73.00
9	M102.945 KS-93 968 610	95.50	76.30	43.30	1-1.75 1-2.0	1-3.5	22.00	56.00
38	M102.980 KS-93 495 600	95.50	83.20	43.30	1-1.75 1-2.00	1-3.50	24.00	61.00
578	M-119 KS-90 717 604	96.50	75.70	38.30	1-1.75 1-2.00	1-3.5	24.00	62.00
336	Om-314/352 Al-fin design KS-90 274 800	97.00	115.70	65.20	1-3.0k 2-3.0	2-5.5	36.00	82.50
343	OM 344 KS-93 750 600	97.00	105.20	65.25	2-2.5	1-4.0	36.00	82.50
475	OM 352 KS-92 581 600	97.00	105.20	65.25	2-2.5	1-4.0	36.00	82.50
476	OM 356/364/366 KS-91 550 600	97.50	107.80	62.80 φ43.40	2-2.5	1-4.0	36.00	83.00
478	OM 902/904 EURO-3 KS-94 931 600	102.00	102.40	64.40 φ72.90	1-3.0 1-2.5	1-4.0	42.00	80.00
371	OM 401/402 EURO-1 KS-93 231 600	125.00	133.85	87.45 φ68.00	2-3.0	1-4.00	46.00	102.00
376	OM 401/402 KS-92 306 600	125.00	137.25	87.25 φ65.00	2-3.00	1-6.00	46.00	97.00
	Om-355 KS-93 568 600	128.00	161.26	90.26	1-3.5k 2-3.5	1-6.5	48.00	108.00
322	OM427 H OM 447 H	128.00	140.00	90.00	2-3.00	1-4.0	46.00	99.00
368	OM 441/442 EURO-2 KS-99 813 600	128.00	126.45	81.45 φ72.40	2-3.00	1-4.00	46.00	105.00
369	OM 442A/LA 87-179300-85	128.00	126.45	81.45 φ66.60	2-3.00	1-4.00	46.00	105.00

370	OM 441/442 EURO-2 KS-94 681 600	128.00	126.45	81.45 φ72.00	2-3.00	1-4.00	46.00	105.00
372	OM 441/442 87-181700-00	128.00	126.35	81.35 φ70.00	2-3.0	1-4.0	46.00	99.00
373	OM 441/442 KS-93 484 602	128.00	126.35	81.35 φ70.00	2-3.0	1-4.0	46.00	99.00
374	OM 440/441 KS-94 331 600	128.00	126.45	81.45 φ66.60	2-3.00	1-4.00	46.00	105.00
377	OM 421/422 KS-93 485 600	128.00	126.35	81.35 φ70.00	2-3.00	1-4.00	46.00	105.00
375	OM 441/442 87-743200-00	130.00	126.35	81.35 φ60.50	2-3.00	1-4.00	46.00	99.00
378	OM 440/441 KS-90 614 600	130.00	126.35	81.35 φ60.50	2-3.00	1-4.00	46.00	99.00
379	OM 440/441 EURO-1 KS-91 620 600	130.00	126.45	81.45 φ59.00	2-3.00	1-4.00	46.00	99.00
321	OM 501/502/ 541/542 LA EURO-2/3 KS-40 448 600	130.00	123.55	78.55 φ92.80	2-3.0	1-4.0	52.00	103.00
380	OM 541/542 EURO-4/5 KS-40 310 600	130.00	119.55	78.55 φ86.90	2-3.00	1-4.00	52.00	103.00





**MITSUBISHI**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
589	4G13 MD172036	71.00	59.70	29.10	1-1.2 1-1.5	1-3.0	18.00	56.00
604	4G13-II MD099759	71.00	58.30	29.30	2-1.5	1-4.0	18.00	59.00
411	4G 33 MD 009581/80	73.00	70.20	33.30	2-1.5	1-4.0	19.00	64.00
614	4G15 MD320435	75.50	58.00	29.00	1-1.2 1-1.5	1-3.0	18.00	56.00
408	G15 B-II MD 099770/69	75.50	58.30	29.10	2-1.5	1-4.0	18.00	61.00
160	4G 32 MD 008851	76.90	70.50	33.60	2-2.0	1-4.0	19.00	64.00
170	G63B-II MD 100372	85.00	72.40	35.40 (-1.8)	2-1.5	1-4.0	21.00	73.00
165	4G 63 MD 040591	85.00	72.00	35.10 (-1.0)	2-2.0	1-4.0	21.00	73.00
3	4G64 MD 188998	86.50	67.40	35.10 (+0.3)	1-1.2 1-1.5	1-3.0	22.00	62.00
514	S4Q2 32C17-05100	88.00	86.00	51.00	1-2.5 1-2.0	1-4.0	28.00	73.00
664	D1000	88.00	78.40	40.90	1-2.5 2-2.0	1-4.0	25.00	67.00
658	D1200	90.00	81.00	43.30	1-2.5 2-2.0	1-4.0	25.00	67.00
81	4G 72 NEW MD 197808 R MD 197814 L	91.10	66.20	32.20 (-3.1)	1-1.2 1-1.5	1-3.0	22.00	64.00
72	4D 55 MD 050021	91.10	88.80	48.70 (-2.8)	1-2.5 1-2.0	1-4.0	29.00	74.00
102	4D 56 TURBO MD 103308	91.10	88.80	48.70 (-2.8)	1-2.5 1-2.0	1-4.0	29.00	74.00
363	4D57 23410-42701	91.10	76.20	46.20	2-2.0	1-3.0	29.00	75.00
445	4D56 LATE MD 304838	91.10	88.70	48.70	1-2.50 1-2.00	1-4.00	29.00	75.00
457	4D56-T MD 304850	91.10	88.70	48.70	1-2.5 1-2.0	1-4.0	29.00	75.00
461	4D56 T CDR1 1110A593	91.10	78.20	48.20	1-2.5 1-2.0	1-4.0	32.00	75.00
447	4D56-II MD304835	91.10	88.70	48.70	1-2.60 1-2.0	1-4.0	29.00	75.00
538	4DR5 31617-00104	92.00	99.70	52.50	1-2.5 2-2.0	1-4.5	28.00	76.00
493	S4S/S6S 32A17-00100	94.00	90.00	55.00	1-2.5K 1-2.0	1-4.50	30.00	76.00
156	4M 40 ME 200680/1	95.00	91.70	51.70 (-3.0)	1-2.3 1-2.0	1-4.0	30.00	78.00
163	4M 40-T-II ME 203223/24	95.00	91.60	51.60 (-3.0)	1-2.3 1-2.0	1-3.0	30.00	78.00

642	S4E2 34417-54100	98.00	91.10	51.60	1-3.0 1-2.0	1-5.0	28.00	77.00
108	4M 41 TURBO ME 191469/70	98.50	87.00	47.00 (-20.70)	1-2.5 1-1.5	1-3.0	32.00	78.00
7	4D30 ME 012051/190	100.00	110.50	60.50 (-2.8)	1-3.0 1-2.0	1-5.0	34.00	84.00
19	4D 31 ME 012131	100.00	110.70	60.70 (-18.3)	1-3.0 1-2.0	1-5.0	34.00	84.00
449	S6KT	102.00	97.60	57.70	1-3.0 1-2.00	1-4.0	34.00	84.00
8	4D 32 ME 012174	104.00	110.60	60.70 (-18.9)	1-3.0 1-2.0	1-4.0	34.00	84.00
40A	4D34 ME012928	104.00	112.20	62.20	1-2.8 1-2.0	1-4.0	34.00	83.50
40	4D34T/6D34T ME 013325/014160	104.00	112.20	62.20 (-20.5)	1-2.8 1-2.0	1-4.0	36.00	88.00
82	4D 36 ME 018283	104.00	110.60	60.60 (-4.6)	1-3.0 1-2.0	1-4.0	34.00	84.00
39	4D 33 ME 012897	108.00	112.20	62.20 (-20.8)	1-3.0 1-2.0	1-4.0	34.00	84.00
53	4D 35 ME 014693	110.00	109.60	59.80 (-21.4)	1-3.0 1-2.5	1-4.0	36.00	88.00
65	6D 14-T .2A ME 072170/072170	110.00	116.10	71.10 (-21.0)	1-3.0 1-2.5	1-4.0	38.00	90.00
645	6D 14 ME032626/032656	110.00	116.10	71.10	1-3.0 1-2.5	1-5.0	38.00	90.00
543	6D15 ME032661	113.00	116.10	71.10	1-3.0 1-2.5	1-5.0	38.00	90.00
571	6D15T ME072055	113.00	116.10	71.10	1-2.8 1-2.5	1-4.0	38.00	92.00
360	6D15-II ME 032870/032661	113.00	116.10	71.10	1-3.0 1-2.5	1-5.0	38.00	90.00
37	6D 16 ME 072062	118.00	116.10	71.10 (-22.0)	1-3.0 1-2.5	1-4.0	38.00	93.00
84	6D 17 ME 072576	118.00	111.10	66.10 (-23.1)	1-3.0 1-2.5	1-4.0	38.00	93.00
357	6D16-T ME 072065	118.00	116.10	71.10	1-2.8 1-2.5	1-4.0	38.00	92.50
464	6D22-T ME 052540	130.00	158.10	81.10	1-3.5 1-3.0	1-4.0	50.00	105.00
649	6M70T FUSO ME351863	135.00	152.00	77.00	1-3.5 1-2.5	1-4.0	55.00	110.00
466	8DC 10 NEW ME 090230	138.00	153.10	88.10	1-3.5 1-3.0	1-4.0	50.00	112.00

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	412 Saloon, 427 Estate, 434 Van	81.98	92.00	58.00	1-2.0 1-2.5	1-5.0	22.00	

## MOTOR CYCLES, SCOOTERS & THREE WHEELERS

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	M-80 new	46.30			2-2.0k		12.00	39.00
	Luna TFR	38.40			2-2.0		12.00	31.00
	Atlas suveca	39.00			2-2.0		12.00	31.00
	Hero Majestic	40.00			2-2.0		12.00	33.00
	M-50 Bajaj sunny	40.00			2-1.5k		12.00	33.00
	Luna Double plus	40.40			2-2.0		12.00	33.00
	Hero puch	43.50			2-1.5		12.00	33.00
228	Suzuki XL/super	46.00	60.50	30.60	2-1.5k		12.00	37.50
	M-80 old	47.00			2-2.0k		12.00	33.00
224	Kinetec Honda	49.00	59.38	28.50 (+0.88)	2-1.5k		14.00	42.00
	crux	49.00			2-1.0	1-2.0	13.00	38.00
	Kawasaki KB100	49.50	67.00	33.00	2-1.5k		14.00	42.00
	Bajaj Cub	50.00			2-2.0k		14.00	42.00
232	Hero Honda GN5/CD100	50.00	44.20	19.20 -0.80	2-1.0	1-2.0	13.00	38.00
226	Seplendor KCC	50.00	39.20	19.20	2-0.77	1-2.0	13.00	38.00
	Yamaha Rx- 100	50.00	67.80	35.00 2.80	2-1.2k		14.00	42.00
225	KB(4S)	50.00	45.00	19.20 1.00	2-0.8	1-1.5	13.00	35.00
	Suzuki/100c.c Max 100	50.00	63.00	28.00 3.00	2-1.5k		14.00	42.00
	CRD 100	50.50			2-1.0	1-2.0	13.00	38.00
230	Victor 110c.c	51.00	42.00	21.80	2-1.0	1-2.0	14.00	38.00
	Centra	51.00			2-0.77	1-1.5	14.00	38.00
	Star city	51.00	42.25	22.00	2-0.77	1-1.5	14.00	38.00
221	Caliber PIATINA CT100	53.00	45.50	20.70	2-0.8	1-2.0	13.00	38.00
	LML Freedom 110c.c	53.00			2-1.0	1-2.0	15.00	40.00
	Bajaj FE	54.00			1-1.5k 1-2.0		15 /16	45.00

	YBX	54.00			2-1.0	1-2.0	15.00	42.00
229	Victor GLX 150c.c	54.50	44.00	21.00	2-0.8	1-1.5	14.00	38.00
220	Freedom (prima) 150c.c	55.50	39.50	20.50	2-1.0	1-2.0	15.00	45.00
	Vespa/ Bajaj 150 c.c	57.00	72.30	44.00	2-2.5		15.00	48.50
216	Vespa 2port/ Bajaj Chetak	57.00	70.80	35.00 (+7)	2-2.5		15.00	48.50
299	Vespa 3port/ Bajaj classic	57.00	72.00	34.80 7.00	2-2.0k		15.00	48.50
214	Bajaj 3/w 2 port(old model)F/E	57.00	73.50	35.0+7.0	2-2.5		15.00	48.50
215	Bajaj 3/w Power port(new model)R/E	57.00	73.50	35.00 (+7)	2-1.5K		15.00	48.50
298	Bajaj Bravo/ POWER Port	57.00			2-1.5k		15.00	48.50
	Pulser 150c.c	57.00			2-1.0	1-2.0	17.00	43.00
	Bajaj Legend				2-1.0	1-2.0	17.00	43.00
	Bajaj C.N.G	57.00	41.50	22.00	2-1.0	1-2.0 1-3.0	17.00	43.00
	Fiarro 150c.c	57.00	38.00	21.50 -2.50	2-1.0	1-2.0	15.00	42.00
217	Vespa 3port/ Nv	57.80	72.20	35.00 (+7.2)	2-2.0k		15.00	48.50
	Vespa 5port	57.80			2-1.5k		15.00	48.50
233	YAMAHA RXG 135c.c	58.00	68.50	35.00 3.50	2-1.2k		16.00	48.00
218	Rajdoot	61.50	65.00	32.1(+3)	2-2.5		15.00	52.00
	Pulser 180c.c	63.00			2-1.0	1-2.0	17.00	49.00
	JAWA 250C.C	65.00	87.00	44.50	3-2.5		15.00	55.50
	Yezdi 250c.c	65.00	87.00	44.50	3-2.5		15.00	55.50
	Vikram patrol	66.00			2-2.5		16.00	59.00
	Royal Enfield 350c.c Bullet	69.87	82.20	41.70	2-1.58	1-4.0	19.00	59.00
222	BAJAJ 125 C.C	57.00	44.60	21.70	2-1.0	1-1.5	17.00	43.00
227	DISCOVER 135 C.C	58.00	44.20	21.35	2-0.8	1-1.5	15.00	42.00
513	YFM 600	95.00	58.00	28.00	2-1.20	1-2.50	22.00	70.00
525	HONDA-125CCC	52.40	35.00		2-0.8	1-1.5	14.00	36.00
527	AFRICA TWINE-650	81.00	57.00	27.00	2-1.0	1-2.5	20.00	56.00
528	YAMAHA MAJESTY-400	83.00	49.50	25.50	2-1.0	1-2.0	20.00	57.00

**NISSAN/UD**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
417	CG10 DE/MICRA 12010-99B20	71.00	52.10	28.00	1-1.2 1-1.5	1-3.0	18.00	53.00
437	CG13 DE 12010-99B15	71.00	52.10	28.00	1-1.2 1-1.5	1-3.0	18.00	53.00
590	GA13 A2010-72Y00/01	71.00	53.60	32.60	2-1.5	1-2.8	19.00	47.00
636	A12 12010-H1001	73.00	67.40	32.60	2-2.0	1-4.0	17.45	65.50
588	QG15 12010-7M600	73.00	51.60	29.10	2-1.2	1-2.0	19.00	49.00
591	QG15DE A2010-BN900	73.60	51.60	29.20	2-1.2	1-2.5	19.00	49.00
426	GA 14 DS 12010-87A61	73.60	55.00	32.50	2-1.5	1-2.8	19.00	50.00
632	GA15DE A2010-0M300	73.60	52.50	29.80	1-1.5	1-2.8	19.00	49.00
285	A 14-II 12010-H7201	76.00	67.50	32.50 (-2.3)	2-2.0	1-4.0	19.00	63.00
434	GA16 DE A2010-74Y10	76.00	53.80	29.50	2-1.5	1-2.8	19.00	52.00
617	E13 12010-01M02	76.00	62.50	32.50	2-1.5	1-4.0	19.00	62.00
435	E16 12010-33M22	76.00	62.50	32.50	2-1.5	1-4.0	19.00	62.00
592	GA16I/GA16DS A2010-74Y00	76.00	53.90	29.60	2-1.5	1-2.8	19.00	52.00
440	GA16 DS-II 12010-94M61	76.00	54.00	29.50	2-1.5	1-2.8	19.00	52.00
599	VQ20 12010-31U60	76.00	58.20	30.40	2-1.2	1-2.5	22.00	48.00
600	VQ20-II A2010-1L000	76.00	58.10	30.40	2-1.2	1-2.5	22.00	48.00
174	J15/J16 12010-E3002	78.00	79.20	39.80	2-2.0	1-4.0	21.00	66.00
628	CA16 12010-D1101/10	78.00	66.20	30.00	2-1.5	1-4.0	20.00	62.00
597	HR12DE 12010-1HC0A	78.00	49.50	28.90	2-1.2	1-2.0	19.00	53.50
598	HR15DE 12010-ED000	78.00	49.40	29.00	2-1.2	1-2.0	19.00	53.50
554	RB20DET	78.00	60.50	32.50	2-1.5	1-2.8	21.00	62.00
407	QG18 DE 12010-7J625/620	80.00	53.70	29.20	2-1.20	1-2.50	19.00	52.00
438	QG18 DE-II 12010-F4670	80.00	53.70	29.20	2-1.20	1-2.50	19.00	52.00
607	CD17 12010-17A04	80.00	71.10	41.10	1-1.75 1-2.0	1-3.0	24.00	63.00

637	SR18 A2010-0E001	82.50	63.00	32.00	1-1.5	1-3.0	22.00	56.00
638	SR18 DI A2010-85101	82.50	63.00	32.00	1-1.5	1-3.0	22.00	56.00
70	L 16-III 12010-A9600	83.00	78.20	38.20 (-1.2)	2-2.0	1-4.0	21.00	72.00
283	L 14/L 16 12010-H2501	83.00	78.00	38.00 (-1.0)	2-2.0	1-4.0	21.00	72.00
448	SD22/SD33 12010-Y1411	83.00	96.10	48.00	1-2.50 2-2.00	1-4.50	26.00	71.00
69	CD 20-T A2010-1C310	84.50	75.60	44.30 (-2.6)	2-2.0	1-3.0	28.00	67.00
83	L 20 B 12010-U6001	85.00	78.10	38.10 (-2.2)	2-2.0	1-4.0	21.00	73.00
167	L 18 OLD 12010-W0801	85.00	78.20	38.10 (-2.2)	2-2.0	1-4.0	21.00	73.00
272	E 25/Z 20 E 12010-W1411	85.00	67.00	32.00 (-3.5)	2-1.5	1-4.0	21.00	72.00
406	LD20 12010-18L02/W1762	85.00	86.30	46.40	2-2.0	1-4.0	25.00	67.00
661	RB30E 12010-67S01	86.00	66.60	32.50	2-1.5	1-2.8	21.00	64.00
282	L 28 E 12010-P7902/12	86.00	78.80	38.50	1-1.5 1-2.0	1-4.0	21.00	72.00
609	SR20DE A2010-65J02	86.00	63.00	32.00	2-1.5	1-3.0	22.00	60.00
413	SR20 DE-II A2010-63J00	86.00	63.00	32.00	2-1.5	1-3.0	22.00	60.00
412	VG 30i-II A2010-10G61	87.00	67.00	32.00	1-2.0 1-1.5	1-2.8	21.00	64.00
409	KA24 DE-IV A2010-5V110	89.00	60.80	34.00	2-1.20	1-2.50	21.00	56.00
420	QR25 DE A2010-9H576	89.00	54.80	32.00	2-1.20	1-2.50	20.00	57.00
499	QR25 DE-III 12010-EA001	89.00	61.50	32.90	2-1.20	1-2.50	20.00	57.00
500	Z24/Z24i 12010-83W01	89.00	70.60	34.10	1-2.0 1-1.5	1-4.0	21.00	66.00
460	SD23/SD25 12010-09W01	89.00	90.00	48.00	1-2.5 1-2.0	1-4.50	26.00	74.00
580	SD23/SD25-II 12010-T6205	89.00	80.00	48.00	1-2.5 1-2.0	1-4.5	26.00	74.00
452	VG 33 E A2010-1W200	91.50	63.00	32.00	2-1.50	1-2.80	21.00	60.00
563	BD25 12010-87G01	93.00	90.00	53.00	1-2.5 1-2.0	1-4.0	30.00	80.00
577	TD25 12010-44G02	93.00	87.00	50.20	1-2.5 1-2.0	1-4.0	28.00	80.00
13	TD27/42 12010-43G02	96.00	87.00	50.20 (-1.8)	1-2.5 1-2.0	1-4.0	28.00	80.00
450	TD27/42 LATE 12010-6T010	96.00	86.00	50.30	1-2.50 1-2.00	1-3.00	30.00	74.00
145	TD27/42 TURBO 12010-31N03	96.00	87.00	50.20	1-2.5 1-2.0	1-4.0	30.00	80.00

109	ZD 30 12010-VD112	96.00	74.10	50.10 (-19.6)	1-2.5 1-2.0	1-3.0	33.00	78.00
115	ZD 30 LATE 12010-VK610	96.00	74.10	50.10 (-19.6)	1-2.5 1-2.0	1-2.0	33.00	78.00
358	BD 30 12010-54T00	96.00	89.50	53.10	1-2.5 1-2.0	1-4.0	30.00	79.80
560	ED30 12010-J2000	98.00	103.00	59.00	1-3.0 2-2.0	1-4.5	32.00	85.00
157	QD 32 12010-2S605	99.20	69.90	45.20 (-2.4)	1-2.5 1-2.0	1-3.0	33.00	78.00
557	ED33 12010-J6500	100.00	103.00	59.00	1-3.0 1-2.0	1-4.5	34.00	84.00
323	FD33-T 12010-T9300	100.00	103.20	59.20	1-3.0 1-2.0	1-4.5	34.00	85.00
35	FE 6 12011-Z5615	108.00	103.50	65.30 (-19.4)	1-3.0 1-2.0	1-4.0	36.00	92.00
501	FE6 TA 12011-Z5768	108.00	103.50	65.50 (-22.1)	1-2.5K 1-2.0	1-4.0	36.00	92.00
463	ND 6 12011-95000	110.00	113.10	68.20	1-4.0 1-3.0	1-5.0	36.00	94.50
502	NE 6 12011-95105	110.00	110.20	68.20 (-23.2)	1-3.0K 1-2.5	1-4.0	36.00	94.50
36	PD6 12011-96000	125.00	132.00	82.00 (-28.2)	1-5.0 1-3.5	1-5.0	46.00	108.00
	PD6-T 12011-96005	125.00	132.00	82.00	1-4.0 1-3.5	1-5.0	46.00	108.00
	PE6 12011-96508	133.00	132.00	82.00	1-4.0 1-3.5	1-6.0	46.00	116.00
544	PE6-T 12011-96509	133.00	132.00	82.00	1-4.0 1-3.5	1-6.0	46.00	116.00
568	RD8 12011-97004	135.00	136.90	82.00	1-4.0 1-3.0	1-6.0	46.00	116.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
98	1300 S,13 S KS-93 868 600	75.00	62.30	35.90 (-3.6)	2-1.5	1-4.0	20.00	65.00
33	14 NV,14 NVH CORSA	77.60	52.60	32.10 (-3.4)	2-1.5	1-3.0	18.00	53.00
484	Y16 XE/Z16 XE KS-40 380 600	79.00	50.20	27.20	1-1.20 1-1.50	1-2.50	18.00	55.00
626	1.6 SE 93267244	79.00	47.90	28.00	1-1.2 1-1.5	1-3.0	18.00	56.00
486	ASTRA F1.7D AE-A350 977	82.50	67.00	44.90	2-2.00	1-3.00	26.00	69.00
477	X20 DTL/Y20 DTL KS-94 834 700	84.00	70.80	45.80	1-2.0 1-1.75	1-3.0	29.00	68.00
54	C 20 NE KAT KS-92 123 600	86.00	55.40	30.40	2-1.5	1-3.0	21.00	61.50
171	20 SE,X20 KAT KS-90 245 600	86.00	50.40	30.40 (-5.0)	2-1.5	1-3.0	21.00	61.50





# PERKINS/MASSEY FERGUSON

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
181	4.108 516003/V2	79.38	105.75	50.60	1-1.98 2-1.58	1-3.17 1-4.76	26.98	68.00
180	P3 P3.144,3cyl P4.192,PA,PB P6.288,PF,PG	88.93	107.70	57.04	2-2.38  1-3.17	2-6.35	31.75	75.00
183	4.154,De	88.93	115.65	60.20	1-2.38k 2-2.38	2-4.76	31.75	75.00
179 A	3.152,3cyl 4.203,4cyl 6.305,6cyl	91.49	108.13	57.33	3-2.38	2-6.35	31.75	75.00
179	3.152,3cyl 4.203,4cyl 6.305,6cyl	91.49	108.13	57.33	2-2.38 1-3.17	2-6.35	31.75	75.00
178	D3.152,3cyl D4.203,4cyl	91.49	109.37	61.77	2-2.38 1-3.17	2-6.35	31.75	75.00
470	4.203.2	91.48	109.30	61.65	3-2.38	1-4.76	31.75	75.00
187	4.212 to Engine 212UA87004	98.48	127.28	76.53	1-2.38k 2-2.38	1-6.35	34.93	84.00
395	4.236,De	98.48	121.00	70.10	1-2.38k 2-2.38	2-6.35	34.93	84.00
177	6.354 De N0-86740	98.48	120.73	69.95	1-2.38k 2-2.38	2-6.35	34.93	84.00
190	6.354.2, NA120, 6.354.4 De Al-fin design	98.48	121.23	70.51	1-3.17k 2-2.38	2-6.35	34.93	84.00
189	T6.354.4 Tarbocharg Al-fin design	98.48	107.75	69.75	1-3.17k 1-2.38	1-4.76	38.10	83.00
188	T4.236 Al-fin design	98.48	108.50	70.20	1-3.17K 1-2.38	1-4.76	38.10	83.00
184	1004.4/1006.6 U5LL0014	100.00	108.15	70.00	1-3.5K 1-2.5	1-4.0	38.10	83.00
185	PHASER 1006.6 U5LL0015	100.00	108.15	70.00	2-2.5	1-4.0	34.93	84.00
471	T-4.40/T6.60	100.00	108.00	70.00	1-3.50 1-2.50	1-4.00	38.10	82.50
398	4.248 AE-A350230	101.05	120.70	69.90	3-2.38	1-6.35	34.92	84.00
468	A4.248 3RV	101.05	120.80	70.00	2-2.50	1-5.00	34.92	84.00
469	A4.248 4RV	101.54	120.90	70.10	3-2.38	1-6.35	34.92	84.00
393	CU 66887 CXM	135.00	108.75	99.30	1-4.0 1-3.0	1-6.0	55.00	118.00



## PETTER/KIRLOSKER

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
139	Pazi a/c	76.20	92.00	55.85	1-2.38k 2-2.38	2-4.76	27.00	64.00
134	Av1/Av2	80.00	106.00	63.50	1-2.38k 2-2.38	1-4.76	30.00	66.00
	Jv1/Ja1	85.00					30.00	71.00
137	PH series	87.33	106.00	63.60	1-2.38k 2-2.38	1-4.76	30.00	71.00
	Tv1/Ta1	87.50	106.00	63.50	1-2.38k 2-2.38	1-4.76	30.00	71.00
194	8 HP.	95.00	114.00	66.00	3-3.17	2-5.0	35.00	77.00
138	PJ series	96.90	106.00	63.60	1-2.38k 2-2.38	1-4.76	30.00	84.00
	Ra,RV	100.00	131.00	88.00	1-3k 2-3.0	2-5.0	35.00	85.00
193	10 HP.	102.00	114.65		3-2.5	2-4.5	35.00	85.00
192	10 HP.	102.00	116.50		3-3.0	1-5.0	35.00	85.00
	Tv110/RBV	110.00	130.50	80.00	1-3.17k 2-3.17	2-6.35	39.70	92.00
	114.3	114.30			4-3.17	1-4.76	35.00	98.00



## PEUGEOT

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
112	106/205	70.00	58.00	33.90	2-1.5	1-3.0	18.00	52.00
113	106/205	72.00					18.00	53.00
114	106/205	72.00					18.00	53.00
111	DW8,DW8 B KS-99 877 600	82.20	77.80	46.80	2-2.0	1-3.0	25.00	66.00
89	XUD 9A/205/405 KS-93 648 700	83.00	84.30	46.80 (-2.2)	2-2.0	1-3.0	25.00	72.00
487	XU 5S KS-93 846 800	83.00	67.50	37.50	2-1.75	1-4.00	22.00	66.00
488	XD 3P KS-93 625 633	94.00	96.42	53.92	2-2.00	1-4.00	30.00	79.00



## RENAULT (RVI)

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
87	F 8Q/C 7 KS-40 070 600	80.00	67.25	42.35	2-2.0	1-3.0	24.00	63.00
481	F4 P KS-40 021 600	82.70	56.80	29.75	1-1.2 1-1.5	1-2.0	21.00	61.00
390	MIDR 06.23.56 A KS-40 074 600	123.00	120.30	78.30	1-3.5 1-3.0	1-4.0	50.00	97.00

# Robin ROBIN

**SUBARU**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	R 600	50.80	42.00	20.00	2-1.5	1-2.5	11.00	41.00
235	EY-14 220-23401-13	62.00	53.50	31.50	2-2.5	1-4.0	14.00	52.00
236	EY-15 226-23401-03	63.00	52.00	25.00	2-2.0	1-2.8	14.00	52.00
237	EY-18 214-23421-03	65.00	57.00	27.00	2-2.5	1-4.0	14.00	54.00
238	EY-20 227-23401-03	67.00	56.00	25.00	2-2.0	1-2.8	14.00	52.00
239	EY-25/27/35 207-23401-03	72.00	67.00	29.90	2-2.5	1-4.0	16.00	63.00
269	EY-28 234-23401-03	75.00	56.00	26.00	2-1.5	1-3.0	16.00	56.00



# ROSTON HORNSBY

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	YWA Series, Mk I,a/c	101.70	123.83	73.03	1-3.17k 2-3.17	2-4.76	38.10	
	YWA Series, Mk II,a/c	101.70	123.88	73.08	1-3.17k 2-3.17	2-4.76	38.10	
	YD, YDA Mk I, YDA Mk II	111.21	142.94	84.20	1-3.17k 2-3.17	2-6.35	41.28	

**SAME SAME**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
320	4 AT	105.00	97.25	57.25	1-3.0 1-2.5	1-4.0	35.00	86.00

**STIHL® STIHL**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
240	S-58	58.00	58.00	36.50 (+4.0)	2-1.5		15.00	42.00

**SUZUKI**

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	F10A,ST100 12111-75104	65.50	55.00	24.50 -2.00	2-1.5	1-2.8	16.00	53.00
266	SS 80 F8B 12111-78400 796c.c/M800	68.50	55.00	25.20 -3.00	2-1.5	1-2.8	16.00	53.00
296	12 III M 79G70-0B0	68.50	52.40	25.40	1-1.0 1-1.2	1-2.0	16.00	49.00
480	A2313 12111-68EAO	72.00	55.00	28.00	1-1.2 1-1.5	1-2.8	17.00	60.00
46	G13-II 12111-83000	74.00	55.40	28.40	1-1.2 1-1.5	1-2.8	17.00	65.00
295	G13E 12111-63E50	74.00	56.10	29.20	2-1.2	1-2.5	19.00	62.00
444	G16B-II 12100-61860	75.00	55.40	28.40	2-1.20	1-2.50	19.00	62.00

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
89	TATA 483 DL	83.00	84.30	46.85	2-2.0	1-3.0	25.00	72.00
337	TATA 692 DI AL-FIN 4RV	92.00	115.50	65.06	3-2.5	1-5.5	32.00	78.00
338	TATA 692 DI AL-FIN 3RV	92.00	105.00	65.00	2-2.5	1-4.0	32.00	78.00
339	TATA 692 DI AL-FIN 5RV	92.00	115.50	65.06	3-3.0	2-2.5	32.00	78.00
339A	TATA 692 DI SHIM TYPE 5RV	92.00	115.50	65.06	3-3.0	2-2.5	32.00	78.00
336	TATA 314/352 AL-FIN 5RV	97.00	115.70	65.25	3-3.0	2-5.5	36.00	80.00
340	TATA 4SP-TC AL-FIN 3RV	97.00	93.50	58.55	1-2.5 1-3.0	1-4.0	36.00	80.00
341	TATA 497SP-NA AL-FIN 3RV	97.00	93.50	58.55	2-2.5	1-4.0	36.00	80.00
342	TATA 407 MODIFIED AL-FIN 3RV	97.00	93.50	58.55	2-2.5	1-4.0	36.00	80.00
343	TATA 497/697 AL-FIN 3RV	97.00	105.20	65.25	2-2.5	1-4.0	36.00	80.00
344	TATA 497/697 NA AL-FIN 3RV	97.00	105.20	65.25	2-2.5	1-4.0	36.00	82.00
345	TATA 609/709 AL-FIN 3RV	97.00	105.20	65.26	2-2.5	1-4.0	36.00	80.00
346	TATA 697 NA AL-FIN 3RV	97.00	99.20	65.21	2-2.5	1-4.0	36.00	82.00
347	697 TC-CMVR AL-FIN 3RV	97.00	99.20	65.21	2-2.5	1.4.0	36.00	80.00
348	TATA 697 TC AL-FIN 3RV	97.00	105.20	65.25	2-2.5	1-4.0	36.00	80.00
	TATA EII AL-FIN 3RV	97.00	101.70	65.21	2-2.3	1-3.0	36.00	80.00
352	CUMMINS 6BT	102.00	105.40	71.60	1-3.0 1-2.38	1-4.0	40.00	82.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
635	1SZFE 13101-0J010	69.00	44.60	26.10	2-1.2	1-2.0	18.00	47.00
55	1E 13101-10033	70.50	56.00	28.00 -4.50	2-1.5	1-3.0	18.00	59.00
56	2E corolla 13101-11050	73.00	58.00	30.00 -9.30	2-1.5	1-3.0	18.00	59.00
586	2E 13101-11030	73.00	58.00	30.00	2-1.5	1-3.0	18.00	59.00
110	3E 13101-11081	73.00	62.00	30.00	2-1.5	1-3.0	18.00	59.00
316	DV4 TD KS 40 469 600	73.70	65.44	42.94	1-2.5 1-2.0	1-2.5	25.00	60.00
61	4E Tarcel 13101-11101	74.00	62.80	30.00 4.70	2-1.2	1-3.0	18.00	61.00
585	5E-FE 13101-11131	74.00	58.90	30.00	2-1.2	1-3.0	18.00	59.00
620	1N 13101-55030	74.00	67.50	38.50	1-1.5 1-1.5	1-3.0	23.50	58.00
625	1G-FE 13101-70070	75.00	62.80	32.50	2-1.5	1.4.0	18.00	61.00
80	4K,4KU 13101-13020	75.00	68.90	36.00	2-1.5	1-4.0	18.00	61.00
77	3K 13101-24010	75.00	75.00	36.00	2-2.0	1-4.0	18.00	61.00
497	1NZFE 13101-21030	75.00	48.80	28.00	2-1.2	1-2.0	18.00	53.00
613	1NZFE-II 13101-21070	75.00	49.80	28.30	2-1.2	1-2.0	18.00	53.00
498	2NZFE-II 13101-21040	75.00	47.20	30.00	2-1.2	1-2.0	18.00	53.00
428	2A 13101-14020	76.00	65.00	34.00	2-2.0	1-4.0	18.00	61.00
57	3AC/3AU 13101-15020	77.50	61.00	31.00 -2.80	2-1.5	1-2.8	18.00	61.00
62	5AFE 13101-15040	78.70	59.70	30.00 -2.70	2-1.5	1-3.0	18.00	61.00
162	5AFE-NEW 13101-15050	78.70	55.60	30.50	1-1.2 1-1.5	1-3.0	20.00	56.00
52	3ZZ-FE 13101-0D070	79.00	52.20	29.90	2-1.2	1-3.0	20.00	50.00
32	1ZZFE 13101-22140	79.00	51.70	30.00	2-1.2	1-3.0	20.00	50.00
60	5K 13101-13030/40	80.50	68.90	36.00 -8.30	2-1.5	1-4.0	18.00	61.00
286	12R,12RU 13101-31020	80.50	79.90	39.00	2-2.0	1-4.0	20.00	66.00
58	4AC/AU 13101-16010	81.00	60.60	30.60 -3.30	2-1.5	1-2.8	18.00	61.00

59	4AF 13101-16090	81.00	61.00	30.50 -2.80	2-1.5	1-2.8	18.00	61.00
161	4AFE,4AG 13101-16160	81.00	55.80	30.50	1-1.2 1-1.5	1-3.0	20.00	56.00
429	7AFE 13101-16150	81.00	55.60	30.40	1-1.20 1-1.50	1-3.00	20.00	56.00
584	4SF1 13101-74071	85.50	70.20	35.40	2-1.5	1-4.0	20.00	66.00
582	4SFI-II 13101-74160	82.50	68.00	35.00	2-1.5	1-4.0	22.00	66.00
534	5M 13101-43030	83.00	71.00	33.00	2-2.0	1-4.0	22.00	66.00
2	7MGE-7MG 13101-42060	83.00	70.90	33.00 (-3.0)	2-1.5	1-4.0	22.00	66.00
284	5MGEU 13101-43041	83.00	72.50	33.00	2-1.50	1-4.0	22.00	66.00
275	13T 13101-27040	85.00	97.30	39.00 (+16.6)	2-1.5	1-4.0	22.00	66.00
75	3Y 13101-73010	86.00	70.10	35 (-4.8)	2-1.5	1-4.0	22.00	66.00
68	2Y 13101-72010	86.00	70.00	35.00 -2.30	2-1.5	1-4.0	22.00	66.00
537	2JZGE 13101-46030	86.00	65.00	34.00	2-1.5	1-4.0	22.00	66.00
533	2JZGE-II 13101-46081	86.00	59.00	34.00	2-1.5	1-4.0	22.00	66.00
619	2JZGTE 13101-46090	86.00	65.00	34.00	2-1.5	1-4.0	22.00	66.00
624	2JZFSE 13101-46100	86.00			2-1.2	1-2.0	22.00	56.00
623	2JZGE-I 13101-46020	86.00	65.00	34.00	2-1.5	1-4.0	22.00	66.00
43	3SFE-III 13101-74100	86.00	67.90	35.00	2-1.5	1-4.0	22.00	66.00
96	3SFE 13101-74040	86.00	68.40	35.40	2-1.5	1-4.0	20.00	66.00
496	3SFE-II 13101-74030	86.00	67.10	35.10	1-1.2 1-1.5	1-4.0	22.00	66.00
536	3SFE-VII 13101-74191	86.00	59.20	35.00	2-1.2	1-3.0	22.00	56.00
587	3S-FSE 13101-74230	86.00	66.60	35.00	2-1.2	1-2.0	22.00	56.00
532	3SGTE 13101-88380	86.00	62.10	35.10	1-1.2 1-1.5	1-4.0	22.00	66.00
495	1AZ FE 13101-28061	86.00	61.00	38.90	2-1.2	1-2.0	22.00	56.00
105	1RZ 13101-75010	86.00	67.40	35.40	1-1.75 1-1.5	1-4.0	24.00	61.00
101	2C 13101-64090	86.00	77.00	47.00	1-2.0K 1-2.0	1-3.0	27.00	58.00
106	2C T/A 13101-64161	86.00	77.00	47.00	1-2.0K 1-2.0	1-3.0	27.00	61.00
421	3C 13101-64150/51	86.00	72.50	42.05	1-2.0 1-2.0	1-3.0	27.00	61.00

140	5SFE 13101-74130	87.00	62.90	32.50	2-1.5	1-4.0	22.00	66.00
535	5SFE-II 13101-03060	87.00	56.50	32.50	2-1.2	1-3.0	22.00	66.00
273	1MZFEA 13101-0A020	87.50	55.25	31.30	2-1.2	1-3.0	22.00	54.00
647	1UZFE-II 13101-50040-03-(R) 13101-50030-03(L)	87.50	53.70	34.00	1-1.2	1-3.0	22.00	62.00
350	3GR-FE CROWN 13301-31050(R) 13101-31080(L)	87.50	54.60	31.20	2-1.2	1-2.0	22.00	56.00
579	2J/H NEW 13101-48014/5(R/L)	88.00	102.20	52.20	1-2.5 1-2.5	1-4.0	27.00	74.00
422	2AZFE 13211-28030	88.50	55.80	33.70	2-1.2	1-2.0	22.00	56.00
	2AZFE 13211-28110	88.50	55.80	33.70	2-1.0	1-2.0	22.00	56.00
76	4Y 13101-73030	91.00	65.00	35.00 -6.20	2-1.5	1-4.0	22.00	66.00
	2H 13101-68010	91.00	102.20	52.10 -1.80	1-2.5k 1-2.5	1-4.0	29.00	74.00
166	22R-E 13101-35030	92.00	63.90	35.00	2-1.50	1-4.0	22.00	70.00
12	2L 13101-54060	92.00	86.30	49.20 -1.50	1-2.0k 1-2.0	1-4.0	27.00	74.00
10	2L 2 13101-54070	92.00	80.30	44.30 -1.50	1-2.0k 1-2.0	1-4.0	27.00	70.00
5	2LT NEW-11 13101-54130	92.00	80.30	44.30 (-3.0)	1-2.0K 1-2.0	1-4.0	27.00	70.00
6	2L-T,2L-TE 13101-54080	92.00	86.20	49.20 (-3.7)	1-2.0K 1-2.0	1-4.0	29.00	74.00
93	2LT 13101-54090	92.00	80.30	44.30	1-2.0K 1-2.0	1-4.0	29.00	70.00
94	3MZFE 13101-0A040	92.00	54.50	31.20	2-1.2	1-3.0	22.00	56.00
158	2KD-FTV 13101-0L020	92.00	82.20	54.20	1-2.0 1-1.5	1-3.0	34.00	65.00
436	5VZ-FE 13101-62060	93.50	63.00	34.00	2-1.50	1-4.0	22.00	62.00
47	2F 13101-61010	94.00	95.80	47.40	1-2.0 1-2.5	1-4.0	25.15	71.80
50	1HZ 13101-17010	94.00	80.60	43.60	1-2.0K 1-2.0	1-4.0	29.00	65.00
169	1GR-FE 13101-31030	94.00	56.50	32.70	2-1.2	1-2.0	22.00	62.00
85	3RZ-FE/FZ 13101-75040	95.00	61.00	37.50	2-1.5	1-4.0	24.00	70.00
97	2TZ-FE 13101-76041	95.00	67.40	35.50	1-1.75 1-1.50	1-4.0	24.00	70.00
583	2TZFZE 13101-76050	95.00	58.00	35.50	1-1.75 1-1.5	1-4.0	24.00	70.00



494	2TR FE 13101-0C020	95.00	59.40	37.10	2-1.2	1-2.0	22.00	62.00
141	11B-II 13101-56060	95.00	90.30	55.30	1-2.5K 1-2.0	1-4.0	32.00	72.00
555	B,BU-15 13081-56010	95.00	101.20	52.20	3-2.5	1-4.5	29.00	79.00
142	B,BU 30 13101-56020	95.00	101.20	52.20	1-2.5K 1-2.5	1-4.5	29.00	79.00
168	2RZ,2RZE 13101-75020	95.00	67.60	35.50	1-1.75 1-1.50	1-4.00	24.00	70.00
17	3L 13101-54100	96.00	80.30	42.30 -2.00	1-2.0k 1-2.0	1-4.0	29.00	74.00
63	1KZ 13101-67050	96.00	80.70	45.70	1-2.0K 1-2.0	1-3.0	34.00	73.00
575	1KD-FTV 13101-30020	96.00	77.60	49.60	1-2.0 1-1.5	1-3.0	34.00	73.00
633	1KD-FTV II 13101-30060	96.00	78.50	49.65	1-2.0 1-1.5	1-3.0	34.00	73.00
51	5L 13101-54120	99.50	80.30	42.30	1-2.0K 1-1.5	1-4.0	29.00	74.00
22	14B 13101-58040	102.00	87.00	52.00 -18.70	1-2.5k 1-2.0	1-4.0	32.00	72.00
451	3B 13101-58011/12	102.00	101.20	55.20 -5.00	1-2.5k 1-2.5	1-4.5	32.00	83.00
453	13B 13101-58020/21	102.00	104.40	63.40	2-2.50	1-4.50	34.00	84.00
561	2D NEW 13101-77020	105.00	133.10	73.20	1-3.0 2-2.5	1-5.0	34.00	88.50
159	15BF 13101-58080	108.00	94.50	59.50	1-3.0 1-2.0	1-4.0	34.00	73.00



# Universal Tractor(U.T.B)

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring			
					Comp	Oil	Dia	Length
410	UTB 650 Romania	108.00	141.00	87.00	3-3.0	2-6.0	40.00	88.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring			
					Comp	Oil	Dia	Length
200	Mark-12 12/1,12/2	55.07	50.00	24.60	2-1.58	1-3.17	15.54	46.00
200 A	Mark-12 new	55.07	50.00	24.60	2-1.58	1-2.733	15.54	46.00
201	Mark-25/30	70.04	66.67	31.75	3-1.58	1-3.17	15.54	60.00
201 A	Mark-25 new	70.04	66.67	31.75	3-1.58	1-2.733	15.54	60.00
	Mark-25 new(short)	70.04	61.67	31.75	3-1.58	1-2.733	15.54	60.00



# VOLKSWAGEN

KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring			
					Comp	Oil	Dia	Length
117	ALD,ANV,AUC KS-94 772 600	67.10	50.80	30.80 (-2.7)	1-1.0 1-1.2	1-2.0	17.00	45.00
79	ET/ZF/EP KS-93 892 600	75.00	71.50	39.50 (-2.9)	1-1.5 1-1.8	1-3.0	20.00	56.00
118	AWY,BMD KS-99 452 600	76.50	49.60	28.60 (-7.35)	1-1.2 1-1.5	1-2.5	17.00	46.00
288	D KS-92 412 601	77.00	82.00	39.00 (+3.0)	2-2.0	1-4.0	20.00	63.00
277	AAM/ACC/ADD KS-93 876 600	81.00	62.50	32.20 (-8.1)	1-1.5 1-1.75	1-3.0	20.00	57.00
278	ADP/AEH/AEK KS-94 503 700	81.00	53.70	32.00 (-2.3)	1-1.2 1-1.5	1-2.0	20.00	57.00
482	9A/9A 4V KAT KS-91 504 700	82.50	58.40	29.80	1-1.20 1-1.50	1-2.0	20.00	57.00
99		82.50	60.60		1-1.2 1-1.5	1-2.0	21.00	59.00
264	1600 HIGH KS-91 322 701	85.50	82.40	39.50	2-2.0	1-5.0	22.00	72.00
289	AP/AT/127 1.8 KS-92 523 601	93.00	80.00	42.00 (-4.4)	2-2.0	1-4.0	24.00	78.00
103	DJ KS-90 129 600	94.00	66.80	36.80 (-9.1)	1-1.8 1-2.0	1-3.5	24.00	64.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
251	LG 600 ET 600	40.00			2-1.5k		10.00	33.00
	LG 900 ET 900	45.00	49.90	24.80 2.60	2-1.5k		10.00	38.00
	MF 150 (LG 1500)	62.00	54.50	26.50	2-2.0	1-4.0	14.00	50.00
250	MF 180 (LG 2000)	65.00	55.50	26.50	2-2.0	1-4.0	14.00	55.00
	MF 260 (LG 2800)	73.00	64.50	30.50	2-2.0	1-4.0	18.00	62.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
659	TF105LM 1557H-22020	88.00	96.70	54.20	3-2.5	1-4.0	28.00	71.00
490	4TNE 129005-22080	88.00	84.00	47.00	2-2.0	1-4.0	26.00	70.00



KE NO.	Model And Description	Cyl DIA	Piston				Pin & Clip	
			Length	Comp. Len.	Ring		Dia	Length
					Comp	Oil		
	1560c.c 2011	95.00	114.00	66.00	3-3.0	2-5.0	35.00	77.00
	4701	100.00	116.00	66.00	3-3.0	2-5.0	35.00	86.00
	4901	102.00	116.50	66.50	3-3.0	2-5.0	35.00	86.00
	25 HP 50HP	105.00	138.00	81.00	4-3.5	2-5.0	40.00	88.00
	8001	110.00					40.00	93.00
	Zetor120	120.00						































































































