

SUZUKI

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-249	ST20	12111-67010	3	61	35.9	70.9	16	53.5	1.75X7° 1X7°		
HD-001	F8A/ST90/Changan	12111-78110	4	62	27.5	57.5	16	49.5	1.5	1.5	2.8
HD-002	EA462R Songhuajiang	12111-78120	4	62	25	55.5	16	49.5	1.5	1.5	2.8
HD-093	JL462Q2/462B Dongan	12111-73020	4	62	24.55	54.5	16	49.5	1.5	1.5	2.8
HD-198	SA306/F6A/SR306	12111-86050 12111-51E00	3	65	25.5	52.5	16	49.5	1.2	1.5	2.5
HD-501	SUZUKI F6A		3	65	25.5	52.5	16	49.5	1.2	1.5	2.5
HD-003	465QE/ 465Q/F10A/ST410/ST100	12111-75107	4	65.5	24.5	55	16	53.5	1.5	1.5	2.8
HD-006	JL465Q2 FAW Jiabao		4	65.5	24.5	55	16	53.5	1.5	1.5	2.8
HD-007	HH465QA/465QA		4	65.5	25	55	16	53.5	1.5	1.5	2.8
HD-009	YH465Q-3E(Dongan)		4	65.5	25	51	16	49.5	1.2	1.2	2.5
HD-098	QQ1.1/465Q		4	65.5	24.5	55	16	53.5	1.5	1.5	2.8
HD-192	465QA(Dongan)		4	65.5	25	43	16	47	1.2	1.2	2.5
HD-213	HAIMA FUSHIDA LJ465Q-2AE6		4	65.5	25.3	43.3	16	46	1.2	1.2	2.5
HD-271	465QR		4	65.5	24.8	42.8	16	46	1.2	1.2	2.5
HD-005	(465Q5) /CHANASTAR (EFI)	12111-75107 12111-85201	4	66	23.5	54	16	53.5	1.5	1.5	2.8
HD-008	YH465Q-3E(CHANA)		4	66	24	54.5	16	53.5	1.5	1.5	2.8
HD-209	CB10		4	66	24	42	16	47.5	1.2	1.2	2
HD-297	DFSK 466		4	66	24	51.5	16	47.5	1.5	1.5	2.8
HD-013	468QL(Hafei Saibao)		4	68	25.5	52.5	18	50	1	1.2	2
HD-254	ST413/SB416	12111-63C13	3	68	25.7	52.6	18	50	1	1.2	2
HD-569		12110-66B25	3	68	25.7	52.6	18	50	1	1.2	2
HD-010	368Q(ALTO)/ F8B/SS80/MARUTI800	12111-78400 12111-78402	3	68.5	25	55	16	53.5	1.5	1.5	2.8
HD-011	368QA(308)(HH368QA)/ ALTO(EFI)	120BM78432	3	68.5	25	55	16	53.5	1.5	1.5	2.8
HD-012	HH368Q-2E		3	68.5	24.9	55	18	49	1.2	1.5	2.8
HD-016	JL368Q2		3	68.5	25	55	16	53.5	1.5	1.5	2.8
HD-074	HH368Q-1E		3	68.5	25	55	16	53.5	1.2	1.5	2.8
HD-239	Daewoo 468 16V(B10)/ Liuzhou Wuling Chevrolet 1.0 16V	96413062	4	68.5	27.4	47.4	17	53	1.2	1.2	2
HD-124	Liuzhou Wuling B11	9002784	4	69.7	22.9	42.9	17	53	1.2	1.2	2
HD-125	Liuzhou Wuling B12	9002783	4	69.7	22.3	42.3	17	53	1.2	1.2	2
HD-356	Liuzhou Wuling B12(new)		4	69.7	22.3	42.3	17	53	1.5	1.2	2.7
HD-707	SUZUKI N12		4	69.7	27.5	47.5	17	53	1.2	1.2	2
HD-153	471QL		4	71	28.5	55.5	17	49.5	1	1.2	2
HD-160	Beidouxing K12		4	71	23.7	50.5	17	49.5	1	1.2	2
HD-021	472Q(CHANASTAR)		4	72	28	55	17	60	1.2	1.5	2.8
HD-022	472Q1(472E)/SF410	12111-68EAO	4	72	28.3	55.3	17	60	1.2	1.5	2.8
HD-272	472E(472Q1)/SF410	12111-68EAO	4	72	28	55	17	60	1.2	1.5	2.8
HD-126	Changhe K14B/473Q		4	73	26	47.9	18	49	1	1.2	2
HD-368	CHANA 473		4	73	27	45.5	18	48	1	1.2	2
HD-704			3	73	27.1	44.6	18	47	1	1.2	2
HD-625	ALTO K10	12111-62L00	3	73	27.2	44.2	18	50	1.2	1.2	2
HD-294	C14	9048491	4	73.8	26.4	44.9	18	48	1.2	1.2	2
HD-023	JL474Q(Changan lingyang)	12111-60E00	4	74	29	56	19	62	1.2	1.2	2.5
HD-111	SJ413/AS310/G13	12111-82010	4	74	28.5	55.4	17	63	1.2	1.5	2.8
HD-196	374Q/G10B/SF310	12111-60851	3	74	28.7	55.7	17	63	1.2	1.2	2.5
HD-197	374Q/G10/SA310-3	12111-82010	3	74	28.2	55.2	17	63	1.2	1.5	2.8
HD-443	G13A/SF310/SF413	12111-63B50	4	74	29.3	56.3	17	63	1.2	1.5	2.8

HD-571	CULTUS SF310		3	74	28.7	55.7	17	63	1.2	1.2	2.5
HD-354	Liuzhou Wuling B15D/Opra 1.5		4	74.7	21.8	39.8	18	48	1.2	1.2	2
HD-178	G16V/G75Q		4	75	28	55.1	19	62	1.2	1.5	2.8
HD-226	JL475Q1/Chana Benben		4	75	28.3	55.3	19	62	1.2	1.5	2.8
HD-257	GC415V/GC416C	12111-61J50	4	75	28.3	55.3	19	62	1.2	1.2	2.5
HD-369	Chana Honor 1.5		4	76	30.1	51.1	18	57	1	1.2	2
HD-127	Suzuki SX4 478/SX4 1.6		4	78	29.25	58.7	20	58	1.2	1.2	2.5
HD-252	RH414/RH418	12111-54812	4	78	30	59.5	20	58	1.2	1.2	2.5
HD-697	Suzuki M15A 1.5L		4	78	30.1	59.6	20	58	1.2	1.2	2.5
HD-523			4	84	29.4	58.9	21	57	1.2	1.5	2.5
HD-660			4	84	31.2	60.7	21	58	1.2	1.5	2.5
HD-697	Suzuki M15A 1.5L		4	78	30.1	59.6	20	58	1.2	1.2	2.5

TOYOTA

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-755	TOYOTA Mera		3	63	26.8	43	18	39	1	1.2	2
HD-756	Toyota 1KR		3	71	29.3	47	18	47.5	1	1	1.5
HD-480	3SZ-VE	13101-B1021	4	72	28	45.5	18	54	1.2	1.2	2
HD-481	K3-VE	13101-B1030 13101-B8030	4	72	28	45.5	18	54	1.2	1.2	2
HD-515		13101-B1070	4	72	28	45.3	18	54	1.2	1.2	2
HD-579	5NR TNRFE	13101-0Y050	4	72.5	32	48.5	18	53	1.2	1	2
HD-674			4	72.5	28.5	45	18	53	1.2	1	2
HD-675			4	72.5	31	47.5	18	53	1.2	1	2
HD-698	TOYOTA 2E		4	73	30	58	18	60	1.5	1.5	3
HD-167	2E-L/473Q	13101-11050	4	73	30	57.8	18	60	1.5	1.5	3
HD-570	VITA V5		4	73	28	45.2	18.03	53	1.2	1.2	2
HD-241	4E	13101-11101	4	74	29.9	58	18	60	1.2	1.2	3
HD-630	1N	13101-55031	4	74	38.5	67.5	23.5	58	1.21x7°	1.5	3
HD-752	TOYOTA 4E		4	74	30	58	18	60	1.2	1.2	3
HD-106	2NZ-FE-11/YARIS	13101-21040	4	75	30.04	47.25	18	54	1.2	1.2	3
HD-322	1NZ	13101-21070	4	75	30.8	49.8	18	53	1.2	1.2	2
HD-691			4	75	30.7	49.7	18	53	1.2	1.2	2
HD-691	TOYOTA 2NZ-FE		4	75	30.7	49.7	18	53	1.2	1.2	2
HD-757	TOYOTA 2NZ		4	75	30.8	49.8	18	53	1.2	1.2	2
HD-033	TOYOTA 8A 1.3	13101-14050	4	78.7	35.7	63.7	20	57	1.2	1.5	3
HD-071	479QA/5A	13101-15050	4	78.7	30.55	55.5	20	57	1.2	1.5	3
HD-107	Corolla 1.6	13101-0D071	4	79	32.2	52.25	20	50	1.2	1.2	3
HD-269	COROLLA 1.8/1ZZ-FE	13101-22020	4	79	32.2	51.9	20	50	1.2	1.2	3
HD-287	4ZZ-FE 1.4	13101-22051	4	79	32.1	51.6	20	50	1.2	1.2	3
HD-298	1ZZE/3ZZ-FE 1.6	13101-0D111	4	79	32.2	52.2	20	50	1.2	1.2	3
HD-336	COROLLA 1.8(EGAS)		4	79	32.2	51.9	20	50	1.2	1.2	3
HD-683			4	80	33.3	51.3	20	50	1.2	1	2
HD-236	COROLLA 1.6	13101-37081 13101-37085	4	80.5	35.8	55	20	50	1	1	1.5
HD-240	5K	13101-13030 13101-76001	4	80.5	35.9	68.9	18	61.5	1.5	1.5	4
HD-335	COROLLA 1.8(New)		4	80.5	24.6	43.6	20	50	1	1	1.5
HD-525			4	80.5	31.1	50.1	20	50	1.2	1	2
HD-041	4AF/481Q	13101-16090	4	81	30.5	61	18	61	1.5	1.5	3
HD-135	JL481Q		4	81	30.5	55.5	20	56	1.2	1.5	3
HD-171	4AFE Camry 1.6	13101-11140 13101-16160	4	81	30.5	55.7	20	57	1.2	1.5	3
HD-702	1C NEW		4	83	47	77	27	58	x3° 3	2	3
HD-052	486		4	86	35	68.2	22	66	1.5	1.5	4
HD-054	3Y	13101-73010	4	86	35	70	22	66	1.5	1.5	4
HD-055	2Y	13101-72010	4	86	35	70	22	66	1.5	1.5	4
HD-709	TOYOTA 2CT-A		4	86	47	77	27	58	1.72x7.25°	2	3
HD-154	1RZ/486Q	13101-75010	4	86	35.4	67.3	24	61	1.75	1.5	4
HD-316	3S-FE	13101-74191	4	86	35	59	22	56	1.2	1.2	3
HD-317	3S-FE	13101-74100	4	86	35	68	22	66	1.5	1.5	4
HD-340	Camry 2.0/1AZ		4	86	40.9	60.9	22	56	1.2	1.2	2
HD-529	1TR	13101-75120	4	86	35	55	22	56	1.2	1.2	2

HD-536			4	86	47	77	27	68	1.64×7°	2	4
HD-586	2C	13101-64141	4	86	47	77	27	58	1.64×7°	2	3
HD-587	3C	13101-64150	4	86	42.5	72.5	27	61	1.64×7°	2	3
HD-703	TOYOTA 2CT		4	86	47	77	27	58	1.64×7°	2	3
HD-751	TOYOTA 2JZ		4	86	34	65	22	66	1.5	1.5	4
HD-334	ROYAL 3.0 (L/R)		6	87.5	26.8	47.8	22	56	1.2	1.2	2
HD-337	ROYAL 2.5 (L/R)/5GR		6	87.5	29.2	50.2	22	56	1.2	1.2	2
HD-689	TOYOTA 2J		4	88	52.2	102.2	27	74	2.11×7°	2.5	4
HD-225	Camry 2.4/2AZ	13211-28031-A0	4	88.5	35.8	55.8	22	56	1	1	2
HD-552	Highlander 2.7		4	90	31.3	49.6	22	56	1	1	2
HD-061	4Y		4	91	35	65	22	66	1.5	1.5	4
HD-462	4Y/491Q	13101-73030	4	91	35	65	22	66	1.5	1.5	4
HD-705	3L 13101-54100		4	96	42.3	80.3	29	75	1.52×7.25°	2	4
HD-286	2KD-FTV/ HILUX 2.5D HILUX	13101-30071 13101-0L040	8	92	54.2	82.2	34	65	2	1.5	3
HD-295	2L(NEW)	13101-54070	4	92	44.3	80.3	27	70	1.61×7°	2	4
HD-314	2L		4	92	44.3	80.3	27	70	1.61×7°	2	4
HD-519	2KD	13101-0L020	4	92	54.2	82.2	34	65	2	1.5	3
HD-621	2LII/2L NEW		4	92	44.3	80.3	27	70	1.56×7°	2	4
HD-631	2LTII	13101-54091	4	92	44.3	80.2	29	70	1.61×7°	2	4
HD-667	3L	13101-54100	4	92	49.2	86.2	27	74	1.57×7°	2	4
HD-669	2LNT(ALFIN)		4	92	44.3	80.2	29	70	1.64×7°	2	4
HD-670	2LT 2L-NEW-TURBO	13101-54030	4	92	49.2	86.2	29	74	1.54×7°	2	4
HD-713			4	92	53.2	78.2	31	67	1.69×7°	1.5	3
HD-758	TOYOTA 2KD		4	92	54.2	82.2	34	65	2	1.5	3
HD-338	HIGHLANDER 3.5		6	94	29	48.5	22	56	1.2	1.2	2
HD-582	Land cruiser prado 5700 3UR	13101-0S011	8	94	35.3	55.3	22	56	1.2	1.2	2
HD-155	2RZ/4G24	13101-75020	4	95	35.4	67.5	24	70	1.75	1.5	4
HD-247	2TR-FE/Prado/FORTUNER 2.7	13101-75130	4	95	39.3	59.3	22	62	1.2	1.2	2
HD-270	2FE	13101-75071	4	95	35.5	59	24	70	1.5	1.5	4
HD-527	3RZ/1GRFE	13101-31030	4	95	37.5	61	24	70	1.5	1.5	4
HD-679			4	95	39.3	58.8	22	56	1.2	1.2	2
HD-177	496Q/3L 2.8D	13101-54170	4	96	42.15	80.15	29	74	1.5X7.25°	2	4
HD-344	1KD	13101-0L030	4	96	49.6	78.5	34	73	1.61X7°	1.5	3
HD-467			4	96	42.3	80.3	29	74	1.5X7.25°	2	4
HD-499	1Z		4	96	56.5	94.5	32	77	2	2	4
HD-622	3L		4	96	42.3	80.4	29	74	1.59×7.2	2	4
HD-632	1KZ	13101-67030	4	96	45.7	80.6	34	73	1.57×7°	2	3
HD-644			4	96	49.6	78.5	34	73	1.61×7°	1.5	3
HD-705	3L	13101-54100	4	96	42.3	80.3	29	75	1.52×7.25°	2	4
HD-633	2B	13101-57020	4	98	52.2	101.2	29	79	2.07×7.2°	2.5	4.5
HD-590	5L	13101-54120	4	99.5	42.3	80.3	29	74	1.57×7°	2	4
HD-346	14B	13101-58040	4	102	51.8	86.7	32	72	2.11X7°	1.55	3

NISSAN

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HD-753	NISSAN A12		4	73	32.5	67.5	17.45	65.5	2	2	4
HD-204	A14C	12010-H7201	4	76	32.4	67.26	19	64	2	2	4
HD-318	CEFIRO		6	76	30.3	58.2	22	48	1.2	1.2	2.5
HD-164	TIIDA 1.6		4	78	28.6	47.1	19	53.5	1.2	1.2	2
HD-580	HR16DE B1	12010-3DBOA	4	78	28.7	45.7	19	53.5	1.2	1.2	2
HD-351			4	84	31.1	49.6	20	53	1.2	1.2	2
HD-400	ARDD		4	84	30.7	51.5	22	52	1	1	2
HD-163	TEANA 2.3 VQ23/EQ7230/QR20		6	85	31	52.5	22	54	1.2	1.2	2
HD-352	A2010-JN00A-99		6	85	30.4	51.9	22	54	1.2	1.2	2
HD-165	BLUEBIRD/SR20		4	86	32	58	22	54	1.2	1.2	2.5
HD-166	Pickup D22 KA24	A2010-5V110	4	89	34	60.8	21	57	1.2	1.2	2.5
HD-470	Z24	12010-83W01	4	89	34	70.5	21	66.5	2	1.5	4
HD-540	NISSAN QR 25		4	89	32.6	55.2	19.99	57	1.2	1.2	2.5
HD-581	QR25DE L3	12010-3TU1A	4	89	32.4	53.6	19.99	51	1.2	1.2	2

HD-401	ADDT		4	92	32.7	53.5	23	58	1.2	1.2	2
	QD2.8/2.8TC		4	93	51.84	91.8	31	76	3.0K	2	3.5
HD-342			4	95.5	31.6	55.1	22	58	1.2	1.2	2.5
HD-343			4	95.5	29.6	52.7	22	58	1.2	1.2	2.5
HD-583		A2010-JP00C-99	6	95.5	29.6	49.6	21.98	54	1.2	1.2	2
HD-692	NISSAN ZD30		4	96	50.1	74.1	33	78			
HD-694	NISSAN TD27		4	96	50.34	86.1	30	74	2.5	2	3
HD-275	QD32	12011-1W415	4	99.2	45.3	69.9	33	78	2.1X7°	2	3
HD-310	TB45	A2010-VB010	4	99.5	40.3	80	23	65	2	1.5	4

HONDA

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	RING RING		
HD-082	FIT 1.3/REJWO/PWB	13010-PWB-G03	4	73	26.2	44.7	18	54	1	1.2	2
HD-083	FIT 1.5/FIT/PWC	13010-PWC-A00	4	73	26.25	47.9	18	54	1	1.2	2
HD-307	RB1		4	73	26.2	47.7	18	54	1	1	2
HD-308	RBO		4	73	26.2	47.7	18	54	1	1	2
HD-651			4	73	26.2	47.7	18	54	1	1	2
HD-664	R5A		4	73	27	44.5	17.96	43	1	1	2
HD-741			4	73	28.5	44.5	19.96	46	1.2	1	2
HD-104	PLL	13101-PLL-Y00	4	75	29.2	48.8	19	56	1	1.2	2.8
HD-105	PLC		4	75	26.9	46.5	19	56	1	1.2	2.8
HD-186	P2CY/CIVIL	13010-P2C-Y00	4	75	27.7	47.8	19	56	1.2	1.5	2.8
HD-284			4	75	30	50	19	56	1	1.2	2.8
HD-349	PLR A0		4	75	27	46.5	19	56	1	1.2	2
HD-408	P2E		4	75	30	50.1	19	56	1	1.2	2.8
HD-436			4	75	30.7	60.8	19	56	1.2	1.5	2.8
HD-132	RNA		4	81	28.9	49.3	19.96	46	1.2	1.2	2
HD-143	Dongfeng Civic-FA1/ RNL WO	13010-FAI-A00	4	81	28.8	49.3	19.96	46	1.2	1.2	2
HD-227	RZT HO		4	81	28.9	49.3	19.96	46	1.2	1.2	2
HD-489			4	81	30.5	51	19.96	46	1.2	1.2	2
HD-681			4	81	28.9	49.3	19.96	46	1.2	1.2	2
HD-089	CB3 /PTI/PTA/ACCORD 2.0/CD4	13101-PTI-M01	4	85	30.8	65.3	22	57	1.2	1.2	3
HD-090	CD5		4	85	30.5	65	22	57	1.2	1.2	3
HD-128	PCA	13010-PCA-000	4	85	30.5	52	21.96	57	1.2	1.2	2.8
HD-080	Honda 2.0		4	86	31.55	53.55	21.96	52	1.2	1.2	2
HD-094	Honda 2.3 /PAB/CG5/ACCORD 2.3	13101-PAB-A00	4	86	30	51.5	21.96	54.2	1.2	1.2	2.8
HD-129	Honda PFV	13101-PFV-100	4	86	29.1	50.6	21.96	54.2	1.2	1.2	2.8
HD-130	Honda PNC	13101-PNC-000	4	86	29.5	51.5	21.96	52	1.2	1.2	2
HD-144	Civic EG6/RCA/A0 1.6V	13010-RCA-A00	4	86	30	51.5	21.96	54.2	1.2	1.2	2.8
HD-081	Honda 2.4	13010-RAA-A00	4	87	29.75	53.75	21.96	52	1.2	1.2	2
HD-145	CRV-RD7/PPA		4	87	29.5	53.5	21.96	52	1.2	1.2	2
HD-170	Honda R40 2008 /Accord 2.4 2008		4	87	29.2	53.2	21.96	52	1.2	1.2	2
HD-500	R5		4	87	29.2	53.2	21.96	52	1.2	1	2
HD-444	R70		4	89	30	51.5	21.96	54.2	1.2	1.2	2.8
HD-747	HONDA ACURA RKG EO		6	90	29.9	51.4	21.96	54.2	1.2	1.2	2
HD-748	HONDA ACURA RYE AO		6	90	30	51.5	21.96	54.2	1.2	1.2	2

MITSUBISHI

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-746	MITSUBISHI 66		4	66	26.6	48.6	16	46	1	1.2	2.5
HD-020	SAIMA 4G13 1.3	MD099757	4	71	29	50	18	57	1.2	1.5	2.8
HD-210	4G13	MD099757	4	71	30.8	59.8	18	57	1.2	1.5	3
HD-465	4A91		4	75	28.5	48.5	18	50	1	1.2	2
HD-028	Saima 4G18 BYD F3 1.6		4	76	26	47	18	57	1.2	1.2	2.5
HD-182	476		4	76	25.5	42.5	18	50	1.2	1.2	2.5
HD-183	476		4	76	25.5	42.5	18	50	1.2	1.2	2.5
HD-194	4G15		4	76	28.6	49.6	18	57	1.2	1.2	2.5
HD-309	18S10		4	76	26	47	18	57	1.2	1.2	2.5

HD-087	4G93	12111-61J50	4	81	31	60	19	60	1.2	1.2	2.8
HD-131	4G94		4	81.5	30.4	50.4	19	60	1.2	1.2	2.5
HD-524			4	81.5	31.9	51.9	19	60	1.2	1.2	2.5
HD-047	4G63	MD18809617	4	85	35	67	22	62	1.2	1.5	2.8
HD-048	4G63ZF2		4	85	34.7	66.7	22	62	1.2	1.5	2.8
HD-118	4G63		4	85	34.7	66.7	22	62	1.2	1.5	2.8
HD-407			4	85	35.5	67.5	22	62	1.2	1.5	3
HD-647			4	86	27.5	50.5	21	58	1.2	1.2	2
HD-051	4G64/4G64-SA(V31)	MD303074 MD303071	4	86.5	35	67	22	62	1.2	1.5	2.8
HD-472			4	86.5	35.5	67.5	22	62	1.2	1.5	3
HD-654	4G69S		4	87	35	67	22	62	1.2	1.2	2
HD-718			6	87.6	28.2	47.8	22	58	1.2	1	2
HD-141	Dongfeng EQ491		4	90.8	40.9	68.8	24	68.5	1.6	2	4
HD-119	6G72 (V73)	MD197841	6	91.1	31.3	65.3	22	66	1.2	1.5	3
HD-120	6G72(Old)/V33	MD194548	6	91.1	32.3	66	22	66	1.2	1.5	3
HD-449			4	91.1	48.7	78.7	32	75.5	2.08X7.2°	1.54X7°	4
HD-458			4	91.1	48.7	88.7	29	75	2.08X7.2°	1.54X7°	4
HD-506			4	91.1	48.7	88.7	29	75	2.08X7.2°	1.54X7°	4
HD-507			4	91.1	48.7	88.7	29	75	2.08X7.2°	1.54X7°	4
HD-759	MITSUBISHI 4D56		4	91.1	48.7	88.7	29	75	2.5	2	4
HD-760	MITSUBISHI 4D56 NEW		4	91.1	48.5	88.5	29	75	2.5	2	4
HD-414	4M40T	ME200688	4	95	51.7	91.7	30	78	1.32X15°	2	4
HD-604	4M40T	ME203223	4	95	51.6	91.6	30	78	1.335x15°	2	3
HD-520			4	98.5	47	87	32	80	1.44X2-7.2°	1.5	3

MAZDA

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-372	HAIMA 1.0		4	70	28.5	48.5	17	53	1	1.2	2
HD-373	HAIMA 1.25		4	70	25.5	45.5	17	53	1	1.2	2
HD-228	MAZDA 1.3		4	74	27.5	46	17.98	58	1	1	2
HD-745	MAZDA 1.5		4	74.5	31	49.4	18	43	1	1	2
HD-115	MAZDA 1.6 Family 1.6/MAZDA 323	ZMY0-11-SAO	4	78	31.05	54.5	19.98	61	1.2	1.5	3
HD-151	MAZDA B1600	H602-23-200	4	78	41	77.9	20	65	1.5	2	4
HD-229	MAZDA 1.5		4	78	26.9	45.4	18.98	56	1.2	1.2	2.5
HD-136	MAZDA 626/F6	F605-23-200	4	81	38.4	75.4	22	67	1.5	1.5	4
HD-114	MAZDA 1.8	FDY1-11-SAOE	4	83	29.8	53.9	18.98	62	1.2	1.5	3
HD-655			4	83	48.5	75.5	30	66	2	1.75	2
HD-744	MAZDA 2.0		4	83.5	34	54.5	21	45	1	1	2
HD-137	E2000	FE01-23-200	4	86	33.9	70.8	22	67	1.5	1.5	4
HD-185	EF2000	EFK-11-SB0A	4	86	34	70.5	21.98	67	1.5	1.5	4
HD-348			4	86	34	71	21.98	67	1.5	1.5	4
HD-380			4	86	36.1	70.9	21.98	67	1.5	1.5	4
HD-475			4	86	36.3	71.3	21.98	67	1.5	1.5	4
HD-687			4	86	34	71	21.98	67	1.5	1.5	4
HD-116	MAZDA 2.3 /FORD Ranger 2.3	L3Y2-11-010	4	87.5	28.5	51	21	60	1.2	1.2	2.5
HD-117	MAZDA 2.0 GG 05/MAZDA 3	LFY5-11-010	4	87.5	28.5	51	21	60	1.2	1.2	2.5
HD-457			4	88	42.3	68.3	30	70	2.5	2	3

DAIHATSU

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-332			4	66	25	50	17	46	1.2	1.2	2.5
HD-282	466		4	66.6	28.6	56.6	18	53	1.2	1.5	2.8
HD-490	DK250	13101-87255-000	3	66.6	28.6	56.6	18	53	1.2	1.2	2
HD-665	DK250	13101-87255-000	3	66.6	28.6	56.6	18	53	1.2	1.2	2
HD-211	468		4	68	27.9	54.9	18	53	1.2	1.5	2.8
HD-017	TJ370		3	70	32	64	18	60	1.5	1.5	2.8
HD-362	370		3	70	30	62	18	60	1.2	1.5	2.8
HD-460	XIALI N5 CA4GA1		4	73	28	45.1	18.03	53	1.2	1.2	2
HD-461	XIALI N3 3GA2		3	76	28.5	60.5	18	60	1.5	1.5	2.8

HD-139	XIALI 378		3	78	28	52	18	60	1.2	1.5	2.8
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HYUNDAI

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-108	ATOS 0.8	23410-02511/10	4	63	25.7	49.8	17	46	1.2	1.5	2.8
HD-103	ATOS 1.0	23410-02840	4	66	25	50	17	46	1.2	1.2	2.5
HD-376	Hyundai 466		4	66	25	50	17	46	1.2	1.2	2.5
HD-434	Hyundai 1.1L	23410-02260	4	67	24.55	48.5	17	46	1.2	1.2	2
HD-433			4	71	24.7	42.7	18	48	1	1.2	2
HD-715			3	71	26.6	44.6	18	51	1.2	1.2	2
HD-602		23410-22935	4	71.5	31.3	54.3	18	47.5	1.5	1.5	3
HD-140	ACCENT 1.4	23410-26410	4	75.5	30.9	47.9	18	47.5	1.2	1.2	2
HD-193	KIA SWIFT HORSE 1.5	23410-22410 23410-22460	4	75.5	31.4	54.4	18	47.5	1.5	1.5	3
HD-122	ACCENT 1.6	23410-26510/11 23410-26113	4	76.5	28.15	50.1	18	52	1.2	1.2	2
HD-486	AVANTE 1.6	23041-2B900	4	77	26.9	43.9	18	52	1.2	1.2	2
HD-487	VERNA 1.4	23041-2B111	4	77	26.9	43.9	18	52	1.2	1.2	2
HD-029	ELANTRA 1.6		4	77.4	32.8	60.7	20	59	1.2	1.2	2.5
HD-030	ELANTRA 1.6C	23410-23513	4	77.4	32.8	60.7	20	59	1.2	1.2	2.5
HD-485	IX35 2.0/KIA K5/Carnival K5	OK95K-11102A 23410-2E000	4	81	28.5	46	20	49	1	1.2	2
HD-551	481Q		4	81	28.5	46	20	49	1	1.2	2
HD-045	Hyundai 2.0/ SONATA 482Q	23410-23710	4	82	31.3	57.8	20	59	1.2	1.2	2.5
HD-046	HYUNDAI 18C/ELANTRA 482Q	23410-23610	4	82	32.9	59.4	20	59	1.2	1.2	2.5
HD-439	ELANTRA		4	82	31.3	57.8	20	59	1.2	1.2	2
HD-638	HYUNDAI 2.0		4	82	31.3	57.8	20	59	1.2	1.2	2
HD-484	SONATA 2.0	23410-2G000	4	86	28.5	51.5	21	58	1.2	1.2	2
HD-539	OPTIMA 2.0 YF/SONATA 2.0	23410-2G400	4	86	30	53	22	58	1.2	1.5	2
HD-050	SONATA2.7	23410-37310	6	86.7	30.5	54	21	60	1.2	1.2	2.5
HD-431			6	86.7	30.5	54	21	59	1.2	1.2	2
HD-532	IX35 2.4	23410-2G200	4	88	27.5	51.5	21	58	1.2	1.2	2
HD-538	SONATA 2.4 YF/ (Hyundai 2.4 GTI)	23410-25200/ 23410-2G600	4	88	28.5	51	22	52	1.2	1.2	2
HD-550	SONATA 2.4 NF	23410-25211	4	88	27.5	51.5	21	58	1.2	1.2	2
HD-726			4	88	27.5	51.5	21	58	1.2	1.2	2
HD-088	4D56		4	91.1	46.1	76.1	29	75	2	2	3
HD-173	H100/D4BB 2.6I	23410-42701	4	91.1	46.1	76.1	29	75	2	2	3
HD-221	H100-T2/4D56	23410-42703	4	91.1	46.15	76.1	29	75	2	2	3
HD-313	Hyundai 2.5/D4BF/4D55 T1	23410-42860	4	91.1	48.5	88.5	29	75	2X7°	1.5X7°	4
HD-341	H100-T2/D4BB 2.6/D4BA	23410-42701	4	91.1	46.2	76.1	29	75	2	2	3
HD-458	Hyundai Starex 2.9		4	91.1	48.7	88.7	29	75	2.08X7.2°	1.54X7°	4
HD-415	SANTAFE 3.5L	23410-3CAA1	6	92	29	50	22	58	1.2	1.2	2
HD-661			6	92	30.8	51.8	23	63	1.2	1.2	2
HD-432			6	96	29.2	52	23	63	1.2	1.2	2

KIA

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-471			4	66	24.6	49.6	17	46	1.2	1.2	2
HD-019	Pride 471		4	71	28.75	60	20	52	1.2	1.5	3
HD-168	Kia Pride 1.3/B3	KKIYO-II-SAO	4	71	28.8	60	20	52	1.2	1.5	3
HD-584	Kia Pride 1.3/B3	KKIYO-II-SAO	4	71	28.8	58	20	52	1.2	1.5	3
HD-601	PRIDE 1.3		4	71	28.5	60	20	52	1.2	1.5	3
HD-603	PRIDE 1.1		4	71	32.5	63	20	52	1.2	1.5	3
HD-626	KIA PICANTO 1.2		4	71	24.7	42.7	18	48	1.2	1.2	2
HD-018	SWIFT HORSE 1.3/471Q	23410-22840 23410-22360	4	71.5	30.7	53.7	18	47.5	1.2	1.5	3
HD-279	Kia 16V/A5D/E 16V RIO 1.5	OK3Y2-II-SAO	4	75.5	28.3	51.3	19.98	52	1.2	1.2	2.5
HD-283	Kia 1.5		4	75.5	30.7	53.7	18	47.5	1.5	1.5	3
HD-637			4	75.5	28.7	46	19.98	48	1.2	1.2	2
HD-027	SWIFT HORSE 1.6/476Q	23410-22112	4	76.5	28.35	50.4	18	52	1.2	1.2	2.5
HD-261	FORTE 1.6		4	77	26.9	43.9	18	52	1.2	1.2	2
HD-454			4	77	26.9	43.9	18	52	1.2	1.2	2

HD-549	KIA 1.6	23041-2B600	4	77	26.9	45	18	52	1.2	1.2	2
HD-541	KIA SEPHIA 8V	OK2Y1-11-SAO	4	78	31.3	63	19.98	61	1.5	1.5	4
HD-542	KIA SEPHIA1.6 16V	OK2Y0-11-SAO	4	78	31.4	62.5	19.98	61	1.5	1.5	3
HD-639	KIA SEPHIA DOHC		4	78	31.8	62.9	20	62	1.5	1.5	3
HD-640	SEPHIA SOHC		4	78	31.3	63	20	62	1.5	1.5	4
HD-595	I40DOHC-GDI	23041-2E200	4	81	28.5	46	20	49	1	1.2	2
HD-645			4	81	28.5	46	20	49	1	1.2	2
HD-617			4	86	47.3	86.3	30	68.5	2	2	3
HD-657			4	91	54.2	83.7	33	74	2.07×7.2°	2	3
HD-545	KIA BESTA 2.7OVN		4	93	48.2	85.2	30	76	2	2	3
HD-312	K2700 2.7I		4	94.5	50	81.7	30	76	2	2	3
HD-546	KIA BESTA 2.7JS	23410-4Z900	4	94.5	50	81.7	30	76	2	2	3
HD-544	KIA PREIGO 3.0JT	OK7A1-11-SAO	4	98	45.4	76.1	30	78	2	2	3

DAEWOO

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-239	Daewoo 468、16V(B10) Liuzhou Wuling Chevrolet 1.0 16V		4	68.5	27.4	47.4	17	53	1.2	1.2	2
HD-092	Daewoo 368/ TICO/MATIZ/DAMAS	96239399 12111-A78B01	3	68.5	25	55	16	53	1.2	1.5	2.8
HD-073	Daewoo 476		4	76.5	28.05	51	18	55	1.5	1.5	3
HD-095	Daewoo Cielo 16V	96130192 96182814	4	76.5	28.3	51.4	18	55	1.5	1.5	3
HD-097	Daewoo Cielo 8V/ CIELO 1.5	96081975	4	76.5	28	48	18	55	1.5	1.5	3
HD-248	Daewoo 476Q/AVEO 1.6	93742892 93742893 96412001	4	76.5	28	46	18	53	1.5	1.5	2
HD-568	Daewoo 1.5S/LANOS/NUBIRA		4	76.5	28	51	18	55	1.5	1.5	3
HD-648			4	78	28.7	47.2	19	53.5	1.2	1.2	2
HD-719			3	78	28.7	47.2	19	56	1.2	1.2	2
HD-237	Daewoo 1.8/Opel 1.8	964993393	4	80.5	24.2	44.9	18	55	1.2	1.2	2
HD-389			4	84	31.1	49.5	20	53	1.2	1.2	2
HD-053	Daewoo 486/ Opel2.0		4	86	30.4	50.4	21	61.5	1.5	1.5	3
HD-419	Daewoo 2.0 16V	92062639 92062777	4	86	30.5	55.4	21	61.5	1.5	1.5	3
HD-522			4	87.2	41	71	20	62	2	2.5	4
HD-381			4	89	32.3	58	20	57	1.5	1.5	2.8
HD-382			4	89	32.3	57.9	20	57	1.5	1.5	2.8
HD-445			4	89	48.9	73.9	28	71	1.76×7°	2	3
HD-671			4	89	48.8	76.8	28	68	1.67×7°	2	3
HD-518			4	92.9	50.4	86	30	80	2.1×7°	2	3
HD-672			4	93	56.2	86.2	35	77	1.38×15°	2	3
HD-737			4	93	56.2	87.3	35	77	1.38×15°	2	3

V. W

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-188	GOLF 1.0 8V		4	67.11	31.3	49.8	17	45	1.2	1.5	2
HD-189	GOLF 1.0 16V		4	67.11	31	49.5	17	45	1.2	1.5	2
HD-276	GOLF power 1.0 16V		4	67.11	31.3	49.8	17	45	1.2	1.5	2
HD-277	GOLF Power 1.0 8V		4	67.11	31	49.5	17	45	1.2	1.5	2
HD-367			4	67.11	23.3	41.8	17	39	1	1	1.5
HD-383			4	67.11	31.3	49.7	17	45	1.2	1.5	2
HD-386			4	67.11	31.3	51.3	17	45	1.2	1.5	2
HD-387			4	67.11	23.3	38.3	17	39	1	1	1.5
HD-399			4	67.11	31.3	49.7	17	45	1.2	1.5	2
HD-425			4	67.11	31.3	49.8	17	45	1.2	1.5	2
HD-440			4	67.11	31.3	49.8	17	45	1.2	1.5	2
HD-265	GM1.0 8V		4	71.1	37.9	61.9	18	54	1.2	1.2	2
HD-564	NEW SANTANA 1.4		4	74.5	25.9	42.9	17	39	1.2	1.2	2
HD-676			3	74.5	28.3	44.3	19	42	1	1.2	2
HD-528	GOLF 1300cc		4	75	39.8	71.8	20	57	1.5	1.75	3

HD-530	Corsa 1300cc		4	75	32.1	53.1	18	50	1.5	1.5	3
HD-109	Polo 1.4		4	76.5	28.9	50.9	17	52	1.2	1.5	2.5
HD-169	Polo 1.6		4	76.5	29.3	48.3	19	42	1.2	1.2	2
HD-251	VW 1.4		4	76.5	38	70.6	20	57	1.2	1.5	2.5
HD-273	POLO 1.4T SAGITAR 1.4T		4	76.5	29.1	48.1	19	52	1.2	1.2	2
HD-370	Jetta 2013 Santana 1.6 LAVIDA 1.6L	04E 107 065 BT 04E 107 065CM	4	76.5	27.2	46.2	19	40.5	1.2	1.2	2
HD-391			4	76.5	28.5	50.5	17	52	1.2	1.5	2.5
HD-416			4	76.5	28.7	50.6	17	52	1.2	1.5	2.5
HD-421	POLO 1.4/LAVIDA 1.4		4	76.5	28.9	47.9	19	42	1.2	1.2	2
HD-650			4	76.5	28.7	45.2	17	52	1.2	1.5	2.5
HD-684			4	76.5	27.3	44.3	19	44	1.2	1.2	2
HD-326			4	77.6	32.1	52.5	18	55	1.5	1.5	3
HD-035	JETTA 480Q		4	79.5	39.8	60.8	24	59	1.75	2	3
HD-732	VW 1.9D		4	79.5	39.6	65.7	24	64	1.7	2	3
HD-324			4	80.5	24.1	44.7	18	57	1.2	1.2	2
HD-036	SANTANA 1.8L		4	81	32.2	61.2	20	57	1.5	1.75	3
HD-037	JETTA 481Q		4	81	35.6	64.6	20	57	1.5	1.75	3
HD-038	JETTA 2V Jetta GIF 1.6L	06A 107 099AD /FVW	4	81	32.7	53.7	20	57	1.5	1.75	2
HD-039	Jetta CT 1.65L 5V/GTX	06A 107 099	4	81	32.7	57	20	59	1.5	1.75	2
HD-040	SANTANA1.6、2V	026 107 103BM	4	81	30.5	51.5	20	57	1.5	1.75	2
HD-042	SANTANA 2000 GSI		4	81	33.1	54.1	20	57	1.5	1.75	3
HD-043	PASSAT B5PASSAT 1.8	058 170 99K	4	81	32.5	52.5	20	52	1.5	1.75	2
HD-075	Jetta 2005(1.6L、2V)/GIX	06A 107 099AD	4	81	29.7	50.7	19	42	1	1.2	2
HD-076	SANTANA 1.8 GLI		4	81	32.5	53.5	20	57	1.5	1.75	3
HD-077	SANTANA 3000		4	81	33.2	54.2	19	42	1.5	1.75	3
HD-084	PASSAT 1.8T PASSAT B5	06B 107 103R	4	81	32.7	53.7	19	50	1.5	1.75	2
HD-123	SANTANA 2006		4	81	32.5	53.5	20	57	1.5	1.75	3
HD-172	GOLF/JETTA 1.8		4	81	32	61	20	57	1.5	1.75	3
HD-199	VOLKS AP1.8 ALC		4	81	32.3	61.4	20	57	1.5	1.75	3
HD-200	VOLKS AP1.8 GAS		4	81	32	57	20	57	1.5	1.75	3
HD-222	VW 1.6		4	81	37.7	66.6	20	57	1.5	1.75	3
HD-263	VW 1.6		4	81	37.4	66.4	20	57	1.5	1.75	3
HD-289	GOLF/JETTA 1.6		4	81	32.7	53.8	20	57	1.5	1.75	3
HD-293	PASSAT 1.8T(KS)		4	81	32.7	53.7	19	50	1.5	1.75	2
HD-357			4	81	32.7	53.7	20	59	1.5	1.75	2
HD-422			4	81	32.2	56.2	20	57	1.2	1.5	2
HD-455			4	81	32.7	53.7	19	50	1.5	1.75	2
HD-505			4	81	38	67.1	20	57	1.5	1.75	3
HD-537	VW GOLF 1800		4	81	31	61.2	20	57	1.5	1.75	3
HD-606	GOLF 1.8		4	81	32.2	61.2	20	57	1.5	1.75	3
HD-619			4	81	45.8	68.8	26	66	1.75	2	3
HD-378			4	81.01	36.8	60.7	20	57	1.2	1.5	2
HD-395			4	81.01	32.6	56.8	20	59	1.5	1.75	2
HD-488			4	81.01	32.7	53.8	20	57	1.2	1.5	2
HD-743			4	81.01	37.7	61.8	20	57	1.2	1.5	2
HD-085	PASSAT 2.0		4	82.5	30	51	19	42	1.2	1.5	2
HD-146	SKODA 1.8		4	82.5	29.8	50.3	21	53	1.2	1.5	2
HD-315			4	82.5	29.3	58.3	20	57	1.5	1.5	2
HD-402	MAGOTAN 2.0T		4	82.5	29.6	50.1	21	56	1.2	1.5	2
HD-451			4	82.5	29.9	50.8	20	52	1.2	1.5	2
HD-576	SKODA 1.8		4	82.5	29.8	50.3	23	51	1.2	1.2	2
HD-577	MAGOTAN 2.0T		4	82.5	29.6	50.1	23	51	1.2	1.2	2
HD-685			4	82.5	29.3	58.3	20	57	1.5	1.5	2
HD-686			4	82.5	29.3	56.5	20	57	1.5	1.5	2
HD-750			4	82.5	30	51	19	42	1.2	1.5	2
HD-258			4	85.5	39.4	71.4	22	72	2	2	5
HD-319			4	85.5	42.75	74.85	22	72	1.5	1.75	4
HD-634	JETTA 485		4	85.5	39.6	82	21.99	72	2	2	5
HD-708	VW Beetle 485		4	85.5	39.5	82.5	22	72.5	2	2	5
HD-327			4	86	30.5	54	21	63	1.2	1.5	2.5

HD-231	RAYTOUR 3.6		6	89	40.5	61.5	20	52	1.2	1.5	2
HD-291			4	101.6	39.1	71.1	23.55	76	2	2	4.8

AUDI

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-044	AUDI 1.8T		4	81	32.7	53.7	20	59	1.5	1.75	2
HD-069	AUDI A6 2.4	078 107 065AA	6	81	33.9	55	21	56	1.5	1.5	2
HD-216	AUDI C6 2.4	06E 107 65AR	6	81	33.9	53.9	20	44	1.2	1.5	2
HD-070	AUDI A6 2.8、5V /C5 2.8	078 107 065AF	6	82.5	30.2	52.2	21	56	1.2	1.5	2
HD-110	AUDI C6 2.0	06D 107 066C	4	82.5	29.6	50.7	20	59	1.2	1.5	2
HD-112	AUDI 2.6(OLD)		6	82.5	34.3	54.3	21	56	1.5	1.75	3
HD-113	AUDI 2.8(OLD)		6	82.5	31.3	60.5	21	56	1.2	1.5	2
HD-250	AUDI 2.3		5	82.5	32.2	53.2	20	57	1.5	1.75	3
HD-278	AUDI 80B4		4	82.5	30.7	62.7	21	59	1.2	1.5	2
HD-710	AUDI C7 2.0T		4	82.5	29.6	50.1	23	51	1.2	1.2	2
HD-736			4	82.5	29.6	50.1	23	53	1.2	1.2	2
HD-572	AUDI AC		4	92.5	28.1	48.1	22	57	1.2	1.5	2

BMW

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-473			4	84	29.5	50.6	20	50	1.2	1.5	2
HD-599	BMW		4	84	32.4	51.1	21.99	52	1.2	1.5	2
HD-567	BMW 813		4	93	32.3	53.3	23	60	1.2	1.5	2
HD-578	BMW 823		4	93	32.3	53.3	23	60	1.2	1.5	2
HD-720			4	81.01	32.2	56.4	20	57	1.2	1.5	2
HD-716			4	82.5	29.4	58.4	20	57	1.2	1.5	2
HD-473			4	84	29.5	50.6	20	50	1.2	1.5	2
HD-599	BMW		4	84	32.4	51.1	21.99	52	1.2	1.5	2
HD-615	BMW		6	84	33.2	52.2	21.99	54	1.2	1.5	2

PEUGEOT

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-682			4	70.5	75	40	18	53	1	1	1.5
HD-024	475Q(Fukang old)/ TU3F 1.4		4	75	40.5	64	19.5	62	1.75	2	3
HD-025	475Q(FUKANG NEW)/ TU3 1.36		4	75	40.5	64	19.5	62	1.75	2	3
HD-302	Peugeot 206/1.4		4	75	28	49.9	17.98	55	1.5	1.5	2.5
HD-474			4	75	28	49	17.97	55	1.5	1.5	2.5
HD-533	PEUGEOT		4	75	41.7	65.3	26	61	2.72X2-3"	1.5	3
HD-585	Peugeot 206		4	75	28	49.9	18	55	1.5	1.5	2.5
HD-762			4	77	28.5	48.5	20	48	1.2	1.5	2
HD-763			3	75	28.9	46.9	17	51	1.2	1	2
HD-497	Peugeot 1.6T		4	77	27	47	20	48	1.2	1.2	2
HD-697	Peugeot 1.4 16V		4	77	31	50.9	18	43	1.2	1.5	2
HD-711	PEUGEOT 1.6T		4	77	27	47	20	48	1.2	1.5	2
HD-031	FUKANG 478Q FUKANG 988/ FUKANG 1.6/TU5		4	78.5	32.25	57.5	19.5	62	1.5	1.5	3
HD-032	Sienna 1.6	ZQ91805180	4	78.5	33.75	51.4	19.5	57	1.2	1.5	2.5
HD-067	Peugeot 16V/ Sienna 1.6		4	78.5	32.5	54.5	19.5	57	1.2	1.5	2.5
HD-575	Peugeot EC5		4	78.5	33.75	53.75	19.5	57	1	1.2	2
HD-662			4	78.5	24	44	18	58	1	1	1.5
HD-498	Peugeot EC8		4	79	25	41.9	18	47	1	1.2	2
HD-663	Peugeot PARTNER		4	82.2	46.5	77.9	25	66	2	2	3
HD-410			4	83	33.4	56.4	22	62	1.5	1.5	3
HD-430	Peugeot 405		4	83	33.3	53.3	22	62	1.5	1.5	3
HD-513	PEUGEOT 405		4	83	33.2	53.3	22	62	1.5	1.5	3
HD-049	Sienna 2.0 / Pegaso 2.0		4	85	29	51	21	58	1.2	1.5	2.5

HD-290	Sienna 2.0 new		4	85	29	51.1	21	58	1.2	1.5	2.5
HD-534	PEUGEOT 406 HDI		4	85	46.7	80.7	28	70	3.17X2-3°	2	3
HD-305	Peugeot C5 2.3		4	86	29.2	51.2	21	58	1.2	1.5	2.5
HD-531			4	86	29	50.9	21	58	1.2	1.5	2.5
HD-141	Dongfeng EQ491		4	90.8	40.9	68.8	24	68.5	1.6	2	4

CHEVROLET

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-014	CHEVROLET 468/SPARK	96325189	4	68.5	25.2	52.25	17	53.5	1.2	1.2	2.5
HD-015	CHEVROLET 368 0.8	96571302	3	68.5	25	55	16	53.5	1.2	1.2	2.5
HD-091	CHEVROLET 368		3	68.5	25	55	16	53.5	1.2	1.5	2.8
HD-239	Daewoo 468、16V(B10) Liuzhou Wuling Chevrolet 1.0 16V		4	68.5	27.4	47.4	17	53	1.2	1.2	2
HD-701	AVEO 1.2		4	68.5	25.3	52.3	17	53	1.2	1.2	2.5
HD-292	Spark 1.2 B12		4	69.7	27.6	47.6	17	53	1.2	1.2	2
HD-699	SAIL 1.2L		4	69.7	27.6	47.6	17	53	1.2	1.2	2
HD-477	Chevrolet 1.25 16V		4	70.5	27.2	47.8	18	48	1	1.2	2
HD-700	NEW SAIL 1.4L		4	73.8	26.5	45	18	48	1.2	1.2	2
HD-476	Chevrolet 1.5 16V	25190026	4	74.7	28.2	48	18	48	1	1.2	2
HD-301	JINGCHENG 2.0		6	75	29.1	49.1	19	56	1.2	1.5	2
HD-360	JINGCHENG 2.5		6	77	29.1	49.1	19	56	1.2	1.5	2
HD-086	Chevrolet 1.4/LOVA 1.4	96389056	4	77.9	31.85	51.9	18	54	1.2	1.5	2.5
HD-375	Lova 1.4 (Deep-Domed Head)		4	77.9	32.8	52.8	18	55	1.2	1.5	2.5
HD-306	Cruze 1.6		4	79	26.7	47.9	19	46	1.2	1.2	2
HD-330	Cruze 1.6T		4	79	28.1	45.1	19	53	1.2	1.2	2
HD-215	Chevrolet 1.8/ Cruze 1.8	96476941	4	80.5	25.5	44.5	19	49	1.2	1.2	2
HD-364			4	82	33.3	67.8	23	70	1.5	1.75	4
HD-482	CAPTIVA 2.4	92067744	4	87.5	27	50.1	21	61.5	1.2	1.5	2.5
HD-614	CHEVROLET		4	88	28.3	50.3	22	51.5	1.2	1.5	2
HD-535	CAPTIVA 3.2		6	89	32.4	55.4	24	60	1.2	1.5	2.5
HD-255	CHEVROLET	19178305	8	101.7	34	57	23.95	65	1.2	1.5	2.5
HD-235	CHEVROLET	1917859761H	8	103.3	33.9	55.6	23.95	65	1.5	1.5	2.5

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OPEL

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-190	OPEL CORSA 1.0		4	71.1	37.3	58.3	18	50	1.5	1.5	3
HD-256	OPEL 1.4	93218385	4	77.6	32	52.5	18	55	1.5	1.5	3
HD-233	OPEL 1.4		4	77.6	32	59	18	55	1.5	1.5	3
HD-516	CORSA 1.4		4	77.6	32.1	52.4	18	53	1.5	1.5	3
HD-371	OPEL 479		4	79	27.2	50.2	18	55	1.2	1.5	2.5
HD-232	OPEL 1.6 16V		4	79	28	51	18	55	1.2	1.5	2.5
HD-353	OPEL 1.6(original)		4	79	28	48	18	55	1.2	1.5	3
HD-184	OPEL 1.6		4	79	27.6	47.7	18	55	1.2	1.5	3
HD-478	OPEL 1.6 16V(New)		4	79	26.8	48.8	18	52	1.2	1.2	2
HD-620	OPEL 1.6(OLD)		4	79	28.4	48.8	18	55	1.2	1.5	3
HD-623	OPEL 1.6 16V		4	79	28	48	18	55	1.2	1.5	2.5
HD-238	OPEL 1.8 16V	90510163	4	80.5	24.1	44.7	18	55	1.2	1.2	2
HD-479	OPEL 1.8 16V(new)		4	80.5	25.5	44.5	19	50	1.2	1.2	2
HD-361	OPEL 2.0 16V		4	81.6	30.4	50.4	21	61.5	1.5	1.5	3
HD-212	OPEL 1.8	E4212219	4	84.8	33.5	53.6	21	61.5	1.5	1.5	3
HD-598	Opel 1.8		4	84.8	33.5	53.6	21	61.5	1.5	1.5	3
HD-363	MONZA 1.8		4	84.8	33.3	58.3	21	61.5	1.5	1.5	3
HD-442			4	84.8	33.6	57.1	21	61.5	1.5	1.5	3
HD-574	OPEL 2.0 16V	92062639 92062777	4	86	30.4	55.4	21	61.5	1.5	1.5	3
HD-202	MONZA 2.0 ALC		4	86	30.3	57.5	21	61.5	1.5	1.5	3
HD-203	MONZA 2.0 GAS		4	86	30.5	57.5	21	61.5	1.5	1.5	3
HD-690	OPEL 20		4	86	30.4	55.4	21	61.5	1.5	1.5	3
HD-749	opel		4	86	26.8	49	20	63	1.2	1.5	2.5

FIAT

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-288		UNO1100	4	70	29.8	53.8	17.98	52.5	1.5	1.5	3
HD-365			4	70	33.1	53	17.97	53	1.2	1.2	2.5
HD-366			4	70	33.1	53.1	17.97	53	1.2	1.2	2.5
HD-379			4	70	33.05	53	17.97	53	1.2	1.2	2.5
HD-418			4	70	26.9	51.5	17.97	46	1	1	1.5
HD-437			4	70	35.1	55.2	17.97	58	1.2	1.2	2.5
HD-374	FIAT 1.2 16V		4	70.8	28	47.8	17.97	49	1.2	1.2	2.5
HD-405			4	70.8	28	48.1	17.97	49	1.2	1.2	2.5
HD-629	FAIT punto 8V		4	70.8	28	48	17.97	53	1.2	1.2	2.5
HD-441			4	70.8	28.1	47.9	17.97	49	1.2	1.2	2.5
HD-385			4	72	26	45.8	17.97	49	1.2	1.2	2
HD-404			4	72	26	46.9	17.97	49	1	1	1.5
HD-413			4	72	26.8	49.8	17.97	53	1.2	1.2	2
HD-191	PALTO 1.0 MPI		4	76	37.8	77.6	21.98	67	1.5	1.5	3
HD-201	PALIO 1.5 MPI		4	76	36.6	61.5	22	55	1.5	1.5	3
HD-388			4	76	37	76	21.98	67	1.5	2	4
HD-397			4	76	36.6	61.6	22	55	1.5	1.5	3
HD-448			4	76	35.5	61.5	22	58	1.5	2	4
HD-493	FIAT 476		4	76	35	74.8	21.98	67	1.5	2	4
HD-494	FIAT 476		4	76	37	62	22	55	1.5	1.5	3
HD-412			4	77	25.4	45.9	19	55.5	1.2	1.2	2.5
HD-409			4	80.5	25.4	46	19	55.5	1.2	1.2	2.5
HD-452			4	80.5	28.6	50.6	21	56	1.2	1.2	2
HD-677			4	80.5	25.5	46.1	19	55.5	1.2	1.2	2.5
HD-446			5	82	32.9	56.8	20	52	1.5	1.5	3
HD-502			5	83	32.4	56.4	20	52	1.2	1.5	3
HD-411			4	86.4	28.7	50.7	21	56	1.2	1.2	2
HD-447			4	86.4	34.2	59.2	22	56	1.5	1.5	3
HD-390			4	88	57	83.9	31	67	1.5X2-7°	2	2.5
HD-658			4	88	57	83.9	31	67	2.07x7.2°	2	2.5
HD-724			4	94.4	58.7	87.6	32	72	1.38x15°	2	2.5

RENAULT

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-285			4	69	32.9	50.9	17.5	54	1.2	1.5	2.5
HD-350			4	69	33	51	17.5	54	1.2	1.5	2.5
HD-417			4	69	32.1	55.5	17.5	54	1.5	1.5	2.5
HD-553			4	69	27.2	50.5	17.5	54	1.5	1.5	2.5
HD-323	Renault 476		4	76	37.5	62.2	20	64	1.75	2	4
HD-733	RENAULT K9K		4	76	41.7	66	26	60	2	2	2.5
HD-347			4	79.5	31.7	55	20	62	1.5	1.5	2.5
HD-695	RENAULT STEPWAY 1.6 K4J		4	79.5	37.2	64.5	20	62	1.5	1.5	2.5
HD-384			4	79.5	29.2	53.7	19	64	1.5	1.5	2.5
HD-392			4	79.5	28.3	51.4	20	54	1.2	1.5	2.5
HD-712	RENAULT SYMBOL		4	79.5	28.3	51.6	19	62	1.5	1.5	2.5
HD-740			4	79.5	31.2	47.7	19.98	54	1.2	1.5	2.5
HD-742			4	79.5	31.7	51.7	19.98	54	1.2	1.5	2.5
HD-624	KANGOO		4	80	42.3	70.5	24	63	2	2	3
HD-646			4	82.7	31	52	21	63	1.2	1.5	2
HD-643			4	85	47.84	76.04	32	65	2.07×7.2°	2	2
HD-435			4	88	40.45	65.3	23	75	1.75	2	4
HD-517			4	89	53.1	83.1	31	65	2.5	1.8	2.5

GM

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-190	GM/OPEL CORSA 1.0		4	71.1	37.3	58.3	18	50	1.5	1.5	3
HD-265	GM 1.0 8V		4	71.1	37.9	61.9	18	54	1.2	1.2	2
HD-423			4	71.1	37.3	57.8	18	50	1.2	1.5	2
HD-424			4	71.1	37.3	58.3	18	50	1.5	1.5	3
HD-573	GM 1.0 8V		4	71.1	38	58.9	18	50	1.5	1.5	3
HD-653			4	71.1	38	62	18	54	1	1	1.5
HD-326			4	77.6	32.1	52.5	18	55	1.5	1.5	3
HD-717			4	77.6	24.5	42.5	18	55	1	1	2
HD-420			4	79	28	47.9	18	55	1.2	1.5	3
HD-764			4	79	28	50	19	46	1.2	1.2	2
HD-324			4	80.5	24.1	44.7	18	57	1.2	1.2	2
HD-325			4	80.5	24.1	44.7	18	57	1.2	1.2	2
HD-453			4	80.5	24.1	45.1	18	57	1.2	1.2	2
HD-504			4	80.5	25.4	44.4	19	49	1.2	1.2	2
HD-690			4	84.8	33.3	58.3	21	61.5	1.5	1.5	3
HD-202	MONZA 2.0 ALC		4	86	30.3	57.5	21	61.5	1.5	1.5	3
HD-396			4	86	30.4	55.4	21	61.5	1.5	1.5	3
HD-450			4	86	30	50	21	61.5	1.5	1.5	3
HD-456			4	86	30.6	53.9	21	63	1.2	1.5	2.5
HD-574	OPEL 2.0 16V	92062639 92062777	4	86	30.4	55.4	21	61.5	1.5	1.5	3
HD-642			4	86	30.5	54.1	21	61.5	1.2	1.5	2.5
HD-394			4	87.5	27.3	50.3	21	61.5	1.2	1.5	2.5
HD-406			4	87.5	27.3	50.3	21	63	1.2	1.5	2.5
HD-559			6	94	30	53.1	24	53	1.2	1.5	2.5
HD-738			4	94	52	80	32	75	1.57×7°	1.5	2
HD-459			4	96.5	28	53.5	22	63	1.2	1.5	2
HD-291			4	101.6	39.1	71.1	23.55	76	2	2	4.8

FORD

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-187	FIESTA 1.0		4	68.7	29.4	54	18.03	59	1.5	1.75	3
HD-260	Ford 468		4	68.7	28.9	53.9	18.03	44	1.2	1.5	2
HD-268	Ford 468		4	68.7	28.9	53	18.03	53.5	1.2	1.5	2
HD-393			4	68.7	28.8	52.9	20	52	1.2	1.5	2
HD-612			4	71.9	33	51	20	47	1	1.2	2
HD-678			3	72	28.5	45.5	18	44.5	1	1.2	2
HD-554			4	73.7	43	65.5	25	60	2.16×2-3°	2	2.4

HD-253	ROCAM 1.3		4	74	24.9	48.9	18.03	54	1.2	1.5	2
HD-300			4	77	34.3	66.8	20	62	1.75	2	4
HD-426	Focus 1.6(NEW)		4	79	25.3	53.3	18	51	1.2	1.5	2
HD-607			4	79	34.9	53.9	21	46	1.2	1.2	2
HD-608			4	79	27.5	46.5	19	55	1.2	1.5	2
HD-616			4	79	25.1	53.1	18	51	1.2	1.5	2
HD-649			4	79	25.4	44.4	18	51	1.2	1.5	2
HD-613			4	79	35	54	21	46	1.2	1.2	2
HD-162	MONDEO 2.5		6	81.7	31.9	55.6	21	55	1.2	1.5	3
HD-156	FIESTA 1.6/ROCAM 1.6	99838600	4	82.07	24.8	48.8	18.03	53.5	1.2	1.5	2
HD-267	Ford 1.6 8V		4	82.07	24.8	48.8	18.03	53.5	1.2	1.5	2
HD-466			4	82.07	24.8	48.8	18.03	59	1.2	1.5	2
HD-264			4	82.5	29	56	20	57	1.5	1.5	2
HD-157	FOCUS 1.8		4	83	28.5	51	21	60	1.2	1.2	2.5
HD-761	FORD		4	86.01	48.4	74.8	30	67	2	2	2
HD-158	MONDEO 2.0		4	87.5	28.5	51	21	60	1.2	1.2	2.5
HD-159	Mondeo 2.0		4	87.5	28.5	51	21	60	1.2	1.2	2.5
HD-161	MENDEO 2.3		4	87.5	28.5	51	21	60	1.2	1.2	2.5
HD-398			4	87.5	28.5	51	21	58	1.2	1.2	2.5
HD-403			4	87.5	28.6	51	21	61.5	1.2	1.2	2.5
HD-427	Mendeo 2.0T 240PS		4	87.5	32.8	53.7	22.5	63	1.2	1.5	2
HD-428	Mendeo 2.0T 203PS		4	87.5	32.8	53.9	22.5	56.5	1.2	1.2	2
HD-609			4	87.5	28.6	50.6	21	53	1.2	1.2	2
HD-503			4	89	28.5	50.6	20	55	1.2	1.2	2.5
HD-725			4	90	53.5	80.5	32	71	2	2	2
HD-765	FROD		5	90	48.44	75.44	32	74	2	2	2
HD-714			4	93	52.64	79.64	32	73	1.335×15°	2	3
HD-693	FORD ranger B2900		4	95	47.8	87.3	32	70	2.5	2	3
HD-673			4	96	52.74	79.74	32	76	1.335×15°	2	3
HD-521			6	100.4	36.7	64.7	24	72.5	1.6	1.8	3.5

BUICK

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-294	C14	9048491	4	73.8	26.4	44.9	18	48	1.2	1.2	2
HD-594	C13VVT(G11C)		4	73.8	28	46	18	43	1	1	2
HD-354	Liuzhou Wuling B15D/Optra 1.5		4	74.7	21.8	39.8	18	48	1.2	1.2	2
HD-592	C15VVT(G11D)		4	74.7	28.3	46.3	18	43	1	1	2
HD-096	Buick SAIL 1.6	92089933	4	79	28.05	48.7	18	55	1.2	1.5	2.5
HD-078	excelle 1.6/ AVEO 1.6/OPTRA 1.6	93740515 96389106	4	79	27.8	49.8	18	55	1.2	1.5	3
HD-079	OPTRA 1.8	92066781	4	81.6	30.4	56.7	21	61.5	1.2	1.5	3
HD-147	Regal 2.0	90501058	4	86	34.2	59.2	21	61.5	1.2	1.5	2.5
HD-329	Regal 2.0T		4	86	38	59.5	20	58.5	1.2	1.5	2
HD-492	Buick 2.0T		4	86	31.2	53.3	23	54	1.2	1.5	2
HD-142	Regal 2.4(Opel 2.2 16V)	12643172	4	88	27.75	49.25	20	58	1.2	1.5	2.5
HD-464	Lacross 2.4		4	88	27.7	49.3	20	54	1.2	1.5	2
HD-099	Buick 2.5/Epica 2.5/ LB8	12589633	6	89	31	53	23	57	1.2	1.5	3
HD-100	Buick 3.0/LWP new	12563403	6	89	39.8	61.8	23	57	1.2	1.5	3
HD-101	Buick 3.1		6	89	37.9	60	23	57	1.2	1.5	3
HD-138	Buick 3.0(old)/L46		6	89	39.7	59.8	23	57	1.2	1.5	3
HD-152	Firstland 3.0/GL8		6	89	39.8	61.8	23	56.5	1.2	1.5	2.5
HD-429	LACTOSSE 3.0 new		6	89	29	51	24	52	1	1.2	1.5

ISUZU

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-230	493		4	92.6	36.5	79	23	76	1.5	1.5	4
HD-062	Isuzu 493Q		4	93	51.84	91.84	31	76	2	2	4
HD-174	4JA1	8-94152-712-1	4	93	48	87.9	31	76	2	2	4
HD-175	4JB1/T SQ/BOWL	8-94152-711-1	4	93	52	91.9	34	78	2	2	4

HD-176	4JB1T R/BOWL	8-94340-602-2	4	93	51.84	91.84	34	78	2	2	4
HD-296	4JA1C		4	93	47.8	88	31	76	2	2	4
HD-303	4JA1		4	93	47.8	88	31	76	2	2	4
HD-547	Isuzu		4	93	51.84	91.84	31	76	2	2	4

CUMMINS

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-600		4995266	4	94	48.7	76	34.5	73	1.44×14.8°	2	3
	6BTAA	3926631	6	102	71.5	105.3	40	83	3.0K	2.5	4
	6D102	3957795	6	102	71.5	105.3	40	83	3.0K	2.5	4
	4/6BT	3907163	6	102	71.5	105.5	40	76	3.0K	2.5	4
	6CT/230 PS	3923537	6	114	78.8	120.4	45	91	3.5K	3.0K	4
	6CT/260PS	3925878	6	114	79	120.4	45	91	3.5K	3.0K	4
	6CT	3917707	6	114	78.8	120.4	45	91	3.5K	3.0K	4
	6CT/210PS	3929161-A	6	114	78.8	120.4	45	91	3.5K	3.0K	4
	6CT/240PS	3919565	6	114	78.8	120.4	45	91	3.5K	3.0K	4

JAGUAR

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-526			4	75	29.8	49.8	18	50	1	1.2	2
HD-563	Jaguar 5.0		8	92.5	28.1	48.1	22	57	1.2	1.5	2

LADA

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-495	LADA 76		4	76	37.9	77.1	21.98	w	1.5	2	3.95
HD-496	LADA 79		4	79	37.9	77.1	21.98	w	1.5	2	3.95

IVECO

HD CODE	APPLICATION	Relative NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-656	IVECO		4	95.8	63	93.5	36	80	1.38×15°	2	2.5

CHERY

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-098	QQ1.1/465Q		4	65.5	24.5	55	16	53.5	1.5	1.5	2.8
HD-355	Chery 371(BYD FO)		3	71	29.3	47	18	47.5	1	1	1.5
HD-065	SOR372		3	72	27.8	44.8	18	53	1.2	1.2	2.5
HD-066	QQ0.8 /372Q		3	72	27.8	44.8	18	53	1.2	1.2	2.5
HD-219	Chery 473		4	73	28.2	48	18	47.5	1.2	1.5	2.5
HD-218	Chery 475EF		4	74.8	37.8	57.8	20.63	61.3	1.2	1.5	3
HD-311	Chery E4G16		4	77	26	45	18	45	1	1.2	1.5
HD-217	Chery 477F	1004020	4	77.4	32.1	53.2	20.63	61.3	1.2	1.5	2
HD-034	480Q/CAC		4	80	40.7	70.5	20.63	63.5	1.6	2	4
HD-068	480EF		4	80	43.6	63.6	20.63	63.5	1.2	1.5	3
HD-133	481FC1.8		4	81	28.6	52.6	21	60	1.2	1.5	2.5
HD-134	481 FD1.6		4	81	35.8	59.8	21	60	1.2	1.5	2.5
HD-223	FD1.6(WITH PISTON CLIP)		4	81	35.8	59.8	21	54	1.2	1.5	2.5
HD-331	FC1.8(WITH PISTON CLIP)		4	81	28.6	52.6	21	59	1.2	1.5	2.5
HD-220	Chery 484F		4	83.5	28.7	52.6	21	60	1.2	1.5	2.5
HD-652			4	83.5	28.7	52.7	21	60	1.2	1.5	2.5

HONGQI

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-056	CA488(ELECTRICAL)		4	87.5	34.5	56	22.885	69	1.5	1.5	4
HD-057	CA488(CHEMICLE)		4	87.5	34.5	56	22.885	69	1.5	1.5	4
HD-058	CA488Q(ELECTRICAL)		4	87.5	40.5	71.3	22.885	75	1.5	1.5	4
HD-059	CA488Q(CHEMICLE)		4	87.5	40.5	71.3	22.885	75	1.5	1.5	4
HD-060	CA488Q(ELECTRICAL)		4	87.5	40.5	71.3	22.885	75	1.5	1.5	4

GEELY

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-224	4G15E		4	77.8	32.2	52.5	20	50	1.2	1.2	3
HD-121	378Q		3	78	28.5	60.5	18	60	1.5	1.5	2.8

BYD

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-359	BYD 473		4	73	26.25	47.9	18	54	1	1.2	2
HD-641	BYD 473		4	73	26.25	47.9	18	54	1	1.2	2
HD-358	BYD F6		4	83	29.9	53.9	19	57.5	1.2	1.5	3

GREATWALL

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-611	GW4G15T(GREATWALL 1.5T)		4	75	30.6	47.2	18	53	1.2	1.2	2
HD-195	CCG415		4	75	30.7	49.8	18	53	1.2	1.2	2
HD-463	Greatwall 4G63		4	85	35	67	22	62	1.2	1.2	2

Other Model

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-026	TJ376		3	76	28.5	60.5	18	60	1.5	1.5	2.8
HD-460	XIALI N5 CA4GA1		4	73	28	45.1	18.03	53	1.2	1.2	2
HD-461	XIALI N3 3GA2		3	76	28.5	60.5	18	60	1.5	1.5	2.8
HD-139	XIALI 378		3	78	28	52	18	60	1.2	1.5	2.8
HD-721			4	78.7	35.5	63.4	20	57	1.2	1.5	3
HD-266	Roewe 1.8T		4	80	22.6	45.6	18	54	1	1.2	2
HD-262	Refine 2.4		4	86.5	34.7	66.7	22	62	1.2	1.5	2.8
HD-636	LIFAN LF1.8		4	81	30.5	55.5	20	57	1.2	1.5	3
HD-468	Jinbei 4G20D4		4	91	35.5	55.5	23	65	1.2	1.5	2
HD-469	Jinbei 4G22D4		4	91	35.5	55.5	23	65	1.2	1.5	2
HD-610	Luxgen 2.2 T		4	86	26.7	44.7	22	58	1.2	1.2	2
HD-556	PROTON		4	76	26.5	45.5	19	50	1.2	1.2	2
HD-557	PROTON		4	76	26.5	45.5	19	50	1.2	1.2	2
HD-543	Paykan1.6 (Paykan OHV) ROA		4	87.4	32.7	56.7	21	50	1.2	1.5	2
HD-706	Pronton Exora 1.6T CFE		4	76	27.5	46.6	19	54	1.2	1.2	2

AIR COMPRESSOR

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-004	R165		1	65	36	62	19	52	2, 2	2	4
HD-150	175		1	75	32.17	52.73	15.87	60	2.4	2.4	4
HD-333			1	75	32	52.8	15.87	60	2.4	2.4	4
HD-509			1	75	31.8	51.8	15.87	60	2.4	2.4	4
HD-510			1	75	31	59.4	18	63	2	2	4
HD-149	185		1	85	33.3	59.3	19.05	60	2	2	4
HD-320			1	85	33.3	59	19.05	60	2	2	4
HD-511			1	85	33.3	59.3	19.05	60	2	2	4
HD-512			1	85	33.3	59.3	19.05	60	2	2	4
HD-102	ZY967		1	88	31.5	65.5	18	63	2.5	2.5	4
HD-148	188		1	88	31.53	62.6	18	63	2.5	2.5	4

HD-179			1	88	31	64.9	18	63	2	2.5	5
HD-181	A088		1	88	31.3	62.4	18	63	2.5	2.5	4
HD-180	A090		1	90	36.8	66.7	20	61	2.5	2.5	4
HD-328	493		4	92.9	30.5	50.8	22	52	1.5	1.75	2.5
HD-508	1115		1	115	63	109.8	36	96	2.46X7°	2.5	5

UNKNOWN MODEL

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-206			8	108	60.1	101.1	38	75	2.5	2.5	4.5
HD-207			8	99	34	56	24	70	1.5	1.5	3
HD-214	89017790		6	93	28.65	53.4	23.5	65.5	1.2	1.5	2.5
HD-234			8	103.3	33.9	55.6	23.95	65	1.5	1.5	2.5
HD-243			4	85.5	42.8	77.8	22	72	1.5	1.75	4
HD-244			4	83	39.5	74.5	22	72	2	2	4
HD-245			4	77	34.4	61.4	20	62	1.75	2	4
HD-246			4	77	34	56	20	56	1.75	2	4
HD-259			4	77	40	68.8	22	63	2	2	4
HD-274			4	70.3	33.7	52.7	20	54	1.5	1.5	3
HD-280			4	77	34	56	20	56	1.5	1.5	3
HD-281			4	77	34.4	61.4	20	62	1.75	2	4
HD-299			4	76.5	28.3	51.3	18	55	1.5	1.5	3
HD-304	9298101		4	80	47.25	77	28	60	2.5	2	3
HD-321	19208675		4	96	34	59.4	23.95	65	1.5	1.5	3
HD-339			4	75	28.3	55.3	19	62	1.2	1.2	2.5
HD-345			4	76	38.9	69	19	60	1.2	1.5	3
HD-483	GEN III		4	79	27.1	44.6	19	50	1.2	1.2	2
HD-514			1	65	21.9	41.9	15	50	2.5	2.5	
HD-526			4	75	29.8	49.8	18	50	1	1.2	2
HD-548			4	93	51.84	91.84	34	78	1.88X2-7.5°	2	4
HD-555			3	75	28.9	46.9	17	51	1	1	2
HD-561			6	96	29.8	52	22	52	1.2	1.2	2
HD-562			6	96	37.1	62.2	22	52	1.2	1.5	3
HD-565			4	74	26.3	45	18	50	1	1.2	2
HD-566			4	87.4	44	75.3	23.8	75	2	2	4
HD-588	G71L		4	74	27.5	46.5	19	47.5	1.2	1.2	2
HD-589	G81F		4	74	26.9	45.9	18	45	1.2	1.2	2
HD-591			4	79.52	35.8	58	19	62	1.5	1.5	2.5
HD-593			3	68.5	25.5	52.4	16	48	1.2	1.5	2.5
HD-596			3	75	28.9	46.9	17	51	1.5	1.5	2.5
HD-605			4	90	38.5	57	22	56	1	1	2
HD-618			4	88	47.7	87.9	31	71	2	2	4
HD-627			10	90.2	30.9	56.3	22	58	1.5	1.5	3
HD-628			4	74	30	49.3	19	47.5	1.2	1.2	2
HD-722			4	72.5	28.7	45.2	18	53	1.2	1	2
HD-723			4	86	41.3	60.8	22	56	1.2	1	2
HD-727			4	67	29.84	56.34	20	50	1.26x7°	1.5	2
HD-728			4	67	29.84	56.34	20	50	1.26x7°	1.5	3
HD-729			4	67	32.6	59.1	20	50	1.26x7°	1.5	3
HD-730			4	72	29.8	56.3	20	50	1.26x7°	1.5	3
HD-731			4	86	36	55.5	24	58	1.5	1.2	2
HD-734			4	86	32	54	24	58	1.2	1.5	2
HD-735			4	72	29.8	56.3	20	50	1.26x7°	1.5	2
HD-739			4	80.5	25.9	43.4	19	55.5	1.2	1.2	2
HD-754			6	84	38.6	58.5	20	49	1.5	1.75	3

DODGE&CHRYSLER

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-558	Dodge 2.7/V6 1998-2007		6	86	31	52.9	22	63	1.5	1.5	3
HD-635	Dodge charger 5.7	53022257AD	8	99.5	30.3	53.3	24	74	1.2	1.2	2
HD-659	CHRYSLER		6	86	30.9	52.9	22	61	1.5	1.5	3
HD-560	Jeep Laredo 3.7	224-3443	8	93	31.8	53.8	24.02	58	1.5	1.5	3

CADILLAC

HD CODE	APPLICATION	OEM NO.	CYL. NO	CYL DIA	COMP. HEIGHT	HEIGHT	PIN DIA	PIN LENGTH	PISTON RING		
HD-377	Cadillac 2.8(old)		6	89	32	55	24	65.5	1.2	1.5	2.5
HD-208			6	92	37.6	62.6	23	57	1.2	1.5	3
HD-205	Cadillac 3.6(old)	92068320	6	94	32	55	24	61	1.2	1.5	2.5
HD-597	Cadillac 3.6		6	94	30	53	24	53	1.2	1.5	2.5

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