



HEAVY DUTY CATALOG

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FAN CLUTCHES / RADIATORS / CONDENSERS / CHARGE AIR COOLERS

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All Manufacturers names, numbers, symbols and descriptions are used for reference purposes only, and in no way does it imply that any parts listed in this catalog are the products of these manufacturers.









Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CASE			
WATER PUMP			
L4 200, 210, 300. 2.75" Impeller	US2014	G11596	
L4 3.1L, 188 3.4L 207, Forklift, AG.	US2024	A146584	
CATERPILLAR			
BACK PLATE			
3406	BP2093	7C9222	
OIL PUMP			
3114	USOP2925	119-2925, 7E2971	
3116 / 3126	USOP8777	189-8777, 496-4800	
C7, 3126, 3126B, 3126E Oil pump with idler gear	USOP4497	2004497, 4964800	
C9	USOP8905	331-8905, 10R1984	
3304 / 3306	USOP2448	2P1785, 4P4020, 4W2448, 6I1346	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CATERPILLAR (CONTINUED)			
OIL PUMP			
3406	USOP0733	1614111, 4N4295, 4N0733	
3406E, C15	USOP8734	1614113, 4N8734	
C12	USOP5220	233-5220	
C13 (ACERT) High-Horsepower	USOP1608	10R2130, 223-1608	
WATER PUMP			
3066	US68	1252989	
3114, 3116T	US4508	1318238, 1593137, 0R0104, 352-2151, 7C4508	
3116 4.37" Pulley	US74	4P3683, 4W0253, 9V4879, 0R1013, OR3007	
3116, 3126	US6248	126-8277, 352-2149	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CATERPILLAR (CONTINUED)			
WATER PUMP			
3126 3.75" Pulley	US75	1208402	
C7 On-highway	US92	10R5407, 227-4299, 227-8843, 352-2109	
C7, 3126B	US91	10R4429, 236-4413, 352-2139	
C9, 3126E	US90	10R5406, 200-1212, 227-4298, 227-4300, 260-1546, 352-2080	
3176	US71	1025844, 9Y4361	
3204	US1223	2W1223	
3208 With pulley	US2041	2W1225	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CATERPILLAR (CONTINUED)			
WATER PUMP			
3208 With threaded pulley	US2043	2W1227	
3208 Without Pulley	US2041NP	9N6147	
3406 B/C	US2035	1354926, 7C4957, 7W7019, OR8217	
3406E	US2093	1354925, 3520212, 10R0483, 6I3890, OR4120, OR8218, OR8330	
C12	US70	1767000, OR0705	
C13 ACERT	US95	10R2129, 228-5811, 352-0205	








Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CATERPILLAR (CONTINUED)			
WATER PUMP			
C13 ACERT With cover	US95-2	352-0206	
C15	US6150	1615719, 0R9869, 10R0484, 352-0211	
C15, C18 ACERT	US6342	2807374, 3145155, 10R8660, 336-2213	
CUMMINS			
FAN CLUTCH			
B Series (00-02 Dodge Ram Truck)	22616	5202 8894AA	
Dodge / Cummins 5.9 / 6.7L Electro viscous fan clutch	22331	5505 6990AA, 5505 6990AB, 5505 6990AC	
FUEL PUMP (MECHANICAL)			
Cummins ISX, QSX Fuel Transfer Pump	USFP5092	4088507, 4935092, 5362253	
Cummins ISX, QSX Fuel Transfer Pump	USFP5094	4076580, 4935094, 5362255	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
FUEL PUMP			
Diaphragm Fuel Pump	USFP4374	5012 376AA, 3901425, 3904374, 3928143, 3966154, 3970080,4429374, 4983584	
Diaphragm Fuel Pump	USFP0266	2830266, 84268475	
Fuel Transfer Pump	USFP6316	3925709, 3930134, 3932224, 3933252, 3936316, 4944710, 4988747	
Fuel Transfer Pump	USFP6317	3936317, 4988748	
Fuel Transfer Pump	USFP6318	3632226, 3917998, 3917999, 3930201, 3933254, 3936318, 4944712, 4988749	
Fuel Transfer Pump	USFP6319	3930202, 3932227, 3933255, 3936319, 4944713, 4988750	
Fuel Transfer Pump	USFP6320	3930349, 3932228, 3933256, 3936320, 4944714, 4988751	
Fuel Transfer Pump	USFP4319	3914319, 3918000	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
IDLER			
Big Cam	US2045	3064919, AR45189	
L10	US2602	3062602	
N14	US2096	3066330	
NT88 (Ford)	US2064	3065000	
NT88 Big Cam IV	US2065	3053537, 3062931	
Small Cam	US2021	3064920, AR8851	
OIL PUMP			
4B	USOP0336	3924719, 3926202, 3930336, 3937027, 4939585	
4B Helical Gear	USOP9585	3924719, 3926202, 3937027, 4939585	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
OIL PUMP			
4B Spur Gear	USOP9586	3976087, 4939586, 5273937, 5313086	
6B	USOP0337	3636203, 3930337, 3937404	
6B Helical Gear	USOP9587	3932449, 3937028, 4939587	
6B Spur Gear	USOP9588	3971544, 4939588	
B Series 6.7 Liter	USOP7481	4897481	
MY 03	USOP8801	3947308, 3957266, 3973398, 4988801	
855 BIG CAM DFC	USOP1572	3609837, 3821572	
855 HIGH PRESSURE	USOP0172	AR10172	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
OIL PUMP			
C Series 8.3L	USOP0338	3800828, 3924644, 3926201, 3930338	
ISC	USOP6840	3966840	
ISL vented	USOP1464	3991123, 4941464	
ISX (Aluminum)	USOP1757	2881757, 4026691, 4309500	
ISX (Cast Iron Body)	USOP9499	3687528, 4024935, 4309499, 4955955, 5532492	
K Series	USOP7549	3047549	
M11, L10	USOP3950	3401186, 3883910, 3895756, 4003950	
N14 Helical Gear	USOP3369	3803369	
N14 Straight Gear	USOP3698	3803698	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
REPAIR KIT			
ISX	KT6151	4090022	
SEAL KIT			
L10 Front gear cover - 5 Hole	USGK3894	3803894	
L10 Front gear cover - 6 Hole	USGK3573	3803573	
SHUTDOWN VALVE			
12 V	USSV5342	143793, 3035342,	
24 V	USSV5344	143795, 3035362, 3035344	
SOLENOID COIL			
12 V	USSC4808	3408421, 3054608, 3054611, 4024808	
24 V	USSC4809	134074, 3054609 3054610, 4024809	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
Cummins 15.0L ISX with EGR	US318	2870249	
Cummins 15.0L ISX with EGR (Includes back housing)	US318-2	2870249	
13-15 Dodge Ram Trucks 6.7L	US99	4309429, 5473102 5521882, 6821 0961AA, 6841 4058AA, 6841 4058AB, 6844 5352AA, 6856 9196AA	
4.5L, 6.7L ISB Series 94.25 MM pulley Gas	US88	2881688, 5473173	
B Series New Style Hardened Pulley	US7145HN	3003749, 3286275 3286277, 3802358, 3802004, 3802970, 3913432, 252-318, 252-920	
B Series New Style ISB Engine	US7123H	3285410, 3285414, 3286278	
B Series New Style ISB Engine 76MM pulley	US300	3286276	
B3.3 / QSB 4.5 Gen. Set	US302	3800883	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
855 Small Cam FFC (2 Groove pulley)	US2000	3000886, 3801784, 3807784, AR45080, AR45090	
Big Cam 855 NTC 290, 350, 400 (Multi-Groove pulley)	US2001	3022474, 3801788, AR45184	
Big Cam III	US2060	3027174	
Big Cam III NTC300, 350, 400, Formula 300, 350, 400, 475	US2044	3004923	
Big Cam IV 855 (Multi-Groove pulley) Vented	US2032	3045943, 3801708, AR45217	
C Series Long Nose	US740N	3285323, 3800974, 3923568, 3926912	
C Series Long Nose Hardened Pulley	US740HN	3285324, 3800976, 3925540, 3926914	
C Series Long Nose Marine Engine	US740NM	3800975	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
C Series Short Nose	US740	3913430	
C Series Short Nose Hardened Pulley	US740H	3802081, 3804883, 3806180, F3HZ 8501-B	
Dina 155/210 Rear	US2054	34079-B05	
ISB Series	US6222	2881804, 3800984, 4891252, 5473238 6800 3402AA 6800 3402AB 6846 1455AA	
ISB Series (Bus)	US5394	4931191, 4934703, 4943174, 4955394, 5262784, 5292738, 5314949, 5444111	
ISC / ISL	US69NX	3286293, 3959582, 3973114, 4089647, 4309418, 5579024	
ISC, ISL, QSC, QSL 76MM Pulley	US357	2882044, 4309344, 4376357, 4955529	
ISC, ISL, QSC, QSL 88.25MM Pulley	US94	4089952, 4309417, 4376358, 5291443	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
ISM / QSM Water Pump (EGR)	US5709	4089455, 4955709, 4972851	
ISM M11 & L10 Short shaft	US5708	4955708	
LTA10 Series (Before 1991, 4 hole mount)	US2202	3801840, 3803402, 3925540	
M11 & L10 E Series (1991 and Later 3 hole mount)	US2203	3800737, 3803403, 4003929, 4955705	
M11 & L10 Short shaft	US2204	3800745, 4955706	
M11 & L10 Short shaft	US309	3418015 3418017 3800954 4972864	
ISX	US319	5406048	
ISX (Includes back housing)	US319-2	3688384, 3691304, 5406048	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
ISX (Core only)	US323	4386577	
ISX (10 groove pulley)	US6151	4089908	
ISX (11 groove pulley)	US301	4089909	
ISX (12 groove pulley)	US6344	4089158, 4089910	
ISX, ISZ (12 groove pulley) Pump only	US93	3683651, 3684450, 4386576	
ISX, ISZ (12 groove pulley) Complete unit (Short bottom outlet)	US93-2	3683652, 3684449, 3687590, 4385671	
ISX, ISZ (12 groove pulley) Complete unit (Long bottom outlet)	US93-3	3687130, 4386570, 5406043	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
N14	US2090	3803361, 3803605	
N14 CELECT Volvo	US97	3804826, 4979140	
NH230 Pancake 5-1/2" bore (With pulley)	US2042	4919813, AR4284	
NH230 Pancake 5-1/2" bore (Without pulley)	US2002	196845, 4919814, AR4283	
NH250	US2033	4919815, AR51360	
NHC250 Military (with Pulley)	US2033P	AR51333	
NT88 Big Cam IV - NTC300, 315, 350, 365, 400	US2062	3052386, 3062928, 3803030, 3803138	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
CUMMINS (CONTINUED)			
WATER PUMP			
V8-210	US2048	4919812, AR61788	
DAF			
WATER PUMP			
Model 85 CF, 95 XF 250 280 315	US16015	683386	
Model 86 WS 242 286 295	US16014	682968	
MX13 DAF	US308	1859821, 1942598, 1942598PE	
MX13 DAF	US320	1917690, 1912939R, 192939, 1945428, 1953276, 1956779, 2042162, 2042162R, 2042162PE	
MX13 DAF	US321	1944842, 2104575, 2104575PE	
DETROIT DIESEL			
SERIES 60 MECHANICAL FUEL PUMP			
DD Mechanical Fuel Pump	USFP20053	23505245, 23517845, 23532981, 23537686, R23537686, 680350E	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
DETROIT DIESEL (CONTINUED)			
OIL PUMP			
DD15 Oil Pump	USOP3101	EA472180310	
Series 60	USOP5886	23505886	
Series 60 EGR	USOP7448	23527448	
REPAIR KIT			
Series 60 EGR	KT29-BP	23538693	
WATER PUMP			
53 Series (Left Hand)	US2603	5144685, 23506003	
53 Series (Right Hand)	US2607	5144686, 23506007	
53 Series Military Aluminum body	US2611	5104392, 23506011	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
DETROIT DIESEL (CONTINUED)			
WATER PUMP			
8.2L (With heater outlet)	US2034	8928672	
DD13 DD15 (Mechanical)	US0401	EA 472 200 01 01, EA 472 200 04 01	
IL 71 LH	US1074	5149706, 23506723	
IL 71 LH HI-CAP	US2027	5149710, 23506704	
IL 71 RH	US1058	5149707, 23506735	
IL 71 RH HI-CAP	US2026	5149708, 23506711	
Series 60 - Late and Series 50	US60	23505895, 23520136, R3518216	
Series 60 - Late and Series 50 (Kangaroo Pouch)	US60P	23522707, 23522721, 23526039, 23539601	
Series 60 12.7L EGR	US2129	23530427, 23531257, 23532542, 23535017	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
DETROIT DIESEL (CONTINUED)			
WATER PUMP			
Series 60 12.7L EGR - Small Gear	US311	23538637	
Series 60 14.0L EGR	US2130	23531258, 23532543, 23535018	
Series 60 14.0L EGR - Small Gear	US2636	23538636	
FORD / INTERNATIONAL			
FAN CLUTCH			
83-96 6.9-7.3 diesel	22601	E5TZ 8A616-C, E5TZ 8A616-G, E8TZ 8A616-D, E9TZ 8A616-A, F2UZ 8A616-H	
92-97 6.9-7.3 diesel NON D.I.	22607	F2TZ 8A616-C, F4TZ 8A616-B	
94-98 7.3L D.I. Van Apps.	22609	F5TZ 8A616-KB	
98-03 Van 7.3L D.I.	22612	AU2Z 8A616-TA, F8UZ 8A616-AA	
99-03 Excursion 7.3L D.I.	22611	AU2Z 8A616-L, F81Z 8A616-DA	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
FORD / INTERNATIONAL (CONTINUED)			
WATER PUMP			
F250 / F550	22329	7C3Z 8A616-F, 8C3Z 8A616-A, 8C3Z 8A616-S	
F250 / F550, Excursion, E Series	22332	4C3Z 8A616-AA, 4C3Z 8A616-SA	
WATER PUMP			
02-07 F650 - F750 6.0L Diesel VT365	US85	4C4Z 8501-AARM, 4C4Z-8501-AARM, 5C4Z 8501-AA	
6.0L Turbo diesel. Power stroke 03-04	US61	3C3Z 8501, 3C3Z 8501-A, 3C3Z 8501-ABRM, 3C3Z 8501-BA	
6.0L Turbo diesel. Power stroke 04-10	US67	4C3Z 8501-AB, 4C3Z 8501-ABRM, 4C3Z 8501-AC, 4C3Z 8501-C, F81Z 8501-ABRM	
6.1L, 7.0L B600, B700, C600, C700, F600, F700, F800, L800	US4037	D9HZ 8501-A, D9HZ 8501-B, E2HZ 8501-B, E5HZ 8501-B	
6.4L Diesel F350/F450 2008 and up	US76	8C3Z 8501-B, 8C3Z 8501-C	
6.6L / 7.8L Diesel	US4071	F1HZ 8501-C	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
FORD / INTERNATIONAL (CONTINUED)			
WATER PUMP			
6.6L / 7.8L Diesel W/ Mounted fan.	US4072	F1HZ 8501-D	
6.6L / 7.8L Brazil	US4062	E7HN 8A513 AB, E8HZ 8501-B	
11-12 F250, F350, F450, F550 6.7L Diesel	US77	BC3Z 8501-A	
6.9L, 7.3L Diesel 94-96	US4096	1U2Z 8V501-CA, F4TZ 8501-ARM F5TZ 8501-B, F5TZ 8501-BRM, F5TZ 8501-C	
6.9L, 7.3L Diesel Power Stroke Turbo D.I.	US4114	2C3Z 8V501-BA, F6TZ 8501-AA, F7TZ 8501-BRM, F7TZ 8501-C, F7TZ 8501-CRM, F81Z 8501-A, F81Z 8501-ARM, F81Z 8501-B, F81Z 8501-CRM, F81Z 8501F-A, F81Z 8501-FA	
6.9L, 7.3L With 3/4" outlet	US4018	E9TZ 8501-B, E4TZ 8501-C, XU2Z 8501-EA	
7.3L Power Stroke	US66	YC3Z 8501-AARM, YC3Z 8501-CA	
All L6 3.9 240; 4.9 300	US4112	F6JE 8501-BA	


Engine Description	USMW Part #	Replaces OEM Part #	Illustration
GENERAL MOTORS			
FAN CLUTCH			
6.2L Diesel 82-93	22602	12517624, 14032392, 19189685	
6.5L Diesel 00-03	22614	15029405	
6.5L Diesel 92-93	22606	15671935	
6.5L Diesel 94-96	22605	15956343, 15969543, 15991496	
6.5L Diesel 97-99	22613	6008664, 6009791, 15022302, 15028400, 15030174	
6.6L Diesel Duramax	22617	15130067, 25948767, 15-4964	
WATER PUMP			
366	US5084	10074182, 14002440	
6.0L School Bus 7.0L School Bus C5-7 50 60 70 Series	US5078	10140667, 12512740, 12520263, 12529192, 12551474	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
GENERAL MOTORS (CONTINUED)			
WATER PUMP			
6.2L	US5008	5740079, 12514269, 12534418 15633465, 23500133	
6.5L	US5062	5743241, 12514574, 12534417, 15633466, 19168611, 23500138, 88894044	
6.5L	US5074	5744474, 5744662, 5744938, 12530176, 12534772, 19168610, 88894036	
6.5L	US5086	12456231, 19168609, 88894035	
6.6L Duramax	US63	19113733, 19168888, 97216136, 251-723, 251-838	
6.6L Duramax	US63-2	19113733, 97216136, 251-723, 251-838	
6.6L Duramax	US72	12637105, 97372515, 98031233, 98098889, 251-748	
6.6L Duramax	US72-2	12637105, 97372515, 98031233, 98098889, 251-748	
6.6L Duramax 2017+	US310	12680257	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
GENERAL MOTORS (CONTINUED)			
WATER PUMP			
7.4L School Bus Kodiak C6 C7 Bypass tube	US5094	12456328, 251-605	
8.1L School Bus Kodiak 03-04 B7 01-02 C6, C7 C4500-8500	US5090	12685964, 88893907, 89017773, 251-693	
96-99 5.7L Chevy engine	US5077	12532528, 88926225, 89017748, 89060527, 252-711, 251-719	
INTERNATIONAL / NAVISTAR			
OIL PUMP			
DT466 1" GEAR	USOP2666	1802666C92	
DT466 1.25" GEAR	USOP8832	1808832C92	
Maxxforce 7 MWM Engine	USOP4981	21811188, 7004981C92, 7005478R91	
WATER PUMP			
Maxxforce 13	US16005P	3004721C91, 3004721C92	
5.6L GAS 78-94 1924, 1925, 1954, 2125	US1099	270918C93, 463365C91, 861236R92	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
INTERNATIONAL / NAVISTAR (CONTINUED)			
WATER PUMP			
6.9L, 7.3L	US3705	1809374, 1803276C95, 1805952C91, 1809374C91	
6.9L, 7.3L D.I. Turbo Diesel	US4096	1812313C93, F5TZ 8501-B	
9.0L	US3702	1700594, 1700594C91, 1700594C92	
L4 2.9, 3.1; L6 3.6, 3.9, 4.3, 4.6, 4.8, & 4.9 Loaders, Crawlers	US3703	303395R91, 318119R92, 368496R91, 601816C91, 601816C92	
V88.8 Cargostae S2125S2524 V537 Gas	US3704	448087C92	
DT414, DT436, DT466 Agriculture	US3707	673162, 673162C92	
International Tractors	US3708	3132676R93	
DT466 CONV Paystar, S-series	US3710	685155C91, 685155C92, 685155C95, 735327C91	
DT466 New Gen	US3713	1817687C92, 1817687C94, 1817687C95, 1817687C96, 1830606C93, 1830606C94, 1830606C95	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
INTERNATIONAL / NAVISTAR (CONTINUED)			
WATER PUMP			
DT466 / DT466E / DT530 / DT530E, 2007 - 2013 MaxxForce DT / 9 / 10	US2128	1830607C4, 1841764C2, 1842664C91, 1842664C92, 1842665C93	
DT466 Off-Highway - Tractor (Case IHC)	US3711	3136053, 3136053R93	
DT466, Cargostar	US3709	680899C92	
DTA360A & DT466 (Left Hand Thread)	US3712	1815538, 1815538C91	
Maxxforce 13	US317	3007644C91, 3007644C92, 3007644C93, 3007644C94, 3014418C92	
Maxxforce 7 6.4L	US98	1832498C91, 7081213C92	
Maxxforce 7 MWM Engine	US312	7005440C91	
Maxxforce DT 9 & 10 2010+	US89	1889116C92	
VT365 Navistar V8 Diesel 02-07	US85	1845002C91, PW450	



Engine Description	USMW Part #	Replaces OEM Part #	Illustration
ISUZU NPR			
WATER PUMP			
3.9L Diesel	US9302	2911463250, 8-97021-171-0	
96-99 5.7L Chevrolet engine	US5077	8-12532-528-0, 8-89060-527-0	
NPR, ELF, NKR, NPR, NKS, VKR	US8969	8-97073-951-0, 9-97109-676-0	
JOHN DEERE			
OIL PUMP			
Powertech 4.5L, 6.8L T, H High HP	USOP4914	RE504914	
WATER PUMP			
Powertech 4 & 6 Cylinder	US5980	RE500734, RE500737, RE505980 RE505981	
PowerTech 6081	US304	RE509598, RE521502, RE57154	
Powertech 6090 9.0L Tier 2 or 3	US303	RE51228, RE523828, RE530194	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
JOHN DEERE (CONTINUED)			
WATER PUMP			
Tractor 6105R 6115R 6125R 6105M 6115M 6125M 6140M +	US6918	RE509813, RE546918	
MACK			
OIL PUMP			
MP-8	USOP4906	20824906	
WATER PUMP			
ASET - 12.0L Diesel 728 5.3" Pulley	US6659	2143 7575, 316GC3193	
ASET - 12.0L Diesel 728 5.9" Pulley	US6660	2143 7577, 316GC3196	
Econdyne	US2046	316GC1210A, 316GC1219, 316GC4541A	
EM7, E7, 6 cyl, 12L – Long shaft	US3195	316GC3195	
EM7, E7, 6 cyl, 12L – Short shaft	US3194	316GC3194	
END-T 675 / 676	US2004	316GC1184BX, 316GC1211A, 316GC1211AX	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
MACK (CONTINUED)			
WATER PUMP			
END-T 675 / 676	US2006	316GCA184C, 316GCA184D, 316GCA184E	
MP-7, MP-8, MP-10	US2304	21468472, 22197709	
MAN			
WATER PUMP			
Model D2865 LF24	US16008	51.06500.6546	
Model D2866 D2840 D2066	US16006	51.06500.6408	
Model D866	US16004	51.06500.6616	
Model D876	US16001	51.06500.7036	
Model F200 D2866 D2865 D2876	US16009	51.06500.9479	
Model M2000 D0826	US16010	51.06500.6554	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
MAN (CONTINUED)			
WATER PUMP			
Model 18.320, 18.350, 18.390, 18.430, TGA D2066	US16005	51.06500.7049	
Model D20, D26 with plastic impeller	US16005P	51.06500.6637	
Model F2000 D2865 D2866	US16007	51.06500.6547	
MERCEDES			
FAN CLUTCH			
Dodge / Sprinter 2500, 3500 2.7L L5 - Bolted style fan clutch	22328	5103 623AA	
Dodge / Sprinter 2500, 3500 3.5L V6 - Molded fan viscous fan clutch	22470	A000 200 72 23, 6801 2413AA	
Dodge / Sprinter 2500, 3500 2.7L LB - Molded fan viscous fan clutch	22328M	000 200 97 23, 6800 4915AA	
Dodge / Sprinter 2500, 3500 3.0L V6 Electro viscous fan clutch	22346	000 200 99 23, 000 200 99 23	
Dodge / Sprinter 2500, 3500 3.0L V6 includes fan blade	22333	A000 200 73 23, 6801 2412AA	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
MERCEDES			
OIL PUMP			
OM904 LA, OM906 LA, OM924 LA, OM926 LA	USOP0801	906 180 0201, 906 180 0601, 906 180 0801, 906 180 1101	
WATER PUMP			
2002-2003 Sprinter L5 2.7L	US6008	5103 576AA, 5103 576AB, 611 200 05 01, 611 200 11 01, 611 220 01 10, A611 200 11 01	
2004-2007 Sprinter L5 2.7L	US6007	5138 057AA, 647 200 01 01, A642 200 13 01	
Actros 1831 1835 1840 1853 2035 OM541 OM542	US16011	541 200 01 01	
Actros 1843 1848 1853 1857 2035 OM541 OM542	US16012	542 200 17 01	
Bus/Truck OM366 1992-1986 OM256 OM366 (Short)	US2058	A366 200 0601	
OM366 (Long) OM366 1991-1993 (No Back Plate)	US2067	A366 200 6801	
OM366 (Long) OM366 1991-1993 (With Back Plate)	US2067BP	A366 200 6801	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
MERCEDES (CONTINUED)			
WATER PUMP			
OM366 1979-1992 D-1521 Bus Marco-Polo	US2124	A390 200 01 01	
MBE 4000, MBE 460	US307	RA460 200 0001	
Atego OM904	US16013	904 200 04 01, 904 200 06 01, 904 200 08 01, 904 200 2601, 904 200 49 01, 904 201 02 01	
OM904 LA, OM906 LA, OM924 LA, OM926 LA	US16019	906 200 28 01, 906 200 37 01, 906 200 55 01, 906 200 62 01	
OM906 LA, OM924 LA, OM926 LA	US16018	906 200 40 01, 906 200 43 01, 906 200 51 01, 906 200 63 01	
U3000, U5000, OM900 OM906	US16000	906 200 1401, 906 200 2201, 906 200 2911, 906 200 5401, 906 200 6101, A906 200 1401	
DD13 DD15 (Mechanical)	US0401	EA 472 200 01 01, EA 472 200 04 01	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
PACCAR			
WATER PUMP			
MX13 DAF	US308	1859821, 1942598, 1942598PE	
MX13 DAF	US320	192939, 1917690, 1945428, 1953276, 1956779, 2042162, 1912939R, 2042162PE, 2042162R	
MX13 DAF	US321	1944842, 2104575, 2104575PE	
PERKINS			
OIL PUMP			
3.152	USOP4078	41314078, 41314178, 41314187	
4.236	USOP4182	41314054, 41314061, 41314182	
4.40T	USOP056	4131 F056, 4222282M91, 610912	
Phaser 1000 / 1006	USOP057	4131 F057, 4132 F023, 4132 F029	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
PERKINS			
WATER PUMP			
1104C, 1104C.44T	US0194	U5MW0194, U5MW0206	
3A-153	US2019	41312159, 41312487	
4.401, T4.401, 4.421	US0193	1545442, U5MW0131, U5MW0192, U5MW0193	
4-212, 4-236, 4-238	US2023	12494050, 21312201, 41312143, 41313201, 236-4-84	
6-354 & 6-354T	US2022	41212691, 41313018	
L4 3.5L 212, 3.9L 236, 4.1L 248 AG-Pulley	US2052	41312143, 41312551	










Engine Description	USMW Part #	Replaces OEM Part #	Illustration
PERKINS			
WATER PUMP (CONTINUED)			
L6 5.8L Phase I and II - High-Air Pulley	US2051	41312107, 41312691	
Phase IV, Turbo - No Pulley	US2057	41313048	
Phaser 135TI (AD) 1006-60TW (YK)	US0156	U5MW0156	
Phaser 4 cyl. 1004.1, 1006.6	US0159	1309196, 41315020, U5MW0159	
Phaser 6 CYL. 6.60 6.60CC 180 Diesel Dodge / Navistar	US2068	4131 E011, U5MW0092, U5MW0160	
PJ – 1106D-E66TA; PK – 1106C-E66TA	US8947	4131 A131, U5MW0205	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
RENAULT			
OIL PUMP			
MP-8	USOP4906	74 20 824 906	
WATER PUMP			
D11 DTI 11 With Viscous 147.7mm Dia.	US315	74 21 072 414, 74 21 781 059, 74 21 812 242, 74 21 812 257, 74 21 969 188, 74 21 974 078	
D13 D13K With Viscous 124mm Dia.	US316	74 21 648 715, 74 21 814 005, 74 21 814 040, 74 21 960 482	
D13 D13K With Viscous 155mm Dia.	US314	74 21 959 184, 74 21 960 480	
SCANIA			
WATER PUMP			
Model 114 124 DSC 11 DCS 12	US16016	1353072, 1508533, 1 057 0951	
Model 114 DCS 14	US16017	1365841, 1508534, 1 057 0952	
THERMOKING			
WATER PUMP			
2.2L ISUZU - D.I.	US801	11-5252, 11-9356	

Engine Description	USMW Part #	Replaces OEM Part #	Illustration
VOLVO			
OIL PUMP			
MP-8	USOP4906	20498514, 85013231, 85013394	
WATER PUMP			
D11 DTI 11 With Viscous 147.7mm Dia.	US315	20921947, 21072414, 21648712, 21648716, 21781059, 21812242, 21812257, 21941088, 21969187, 21974080, 85020130	
D13 D13K With Viscous 124mm Dia.	US316	20920065, 21648711, 21814005, 21814040, 21960481, 22164103, 85000957, 85013057, 85013427, 22164101	
D13 D13K With Viscous 155mm Dia.	US314	21030340, 21648708, 21814009, 21814036, 21960479, 21969183, 22164104, 85000956, 85013056, 85013425, 85013466	
D11 D13 D16	US2304	85142304, 85124621	
Model FL10 FL 12 D12A	US16002	20 734 268	
Model FL 12 D12 C	US16003	814 99 41	

UNIVERSAL APPLICATIONS

FUEL PUMP

<p>Wide open LPH: 110 Max. output pressure: 2.5-4.5 Voltage: 12 Fuel: Diesel and gasoline Type: Solenoid</p>	USEP12043	Universal	
<p>Wide open LPH: 110 Max. output pressure: 2.5-4.5 Voltage: 12 Fuel: Diesel and gasoline Type: Solenoid</p>	USEP8016S	Universal	
<p>Wide open LPH: 110 Max. output pressure: 5-9 Voltage: 12 Fuel: Diesel and gasoline Type: Solenoid</p>	USEP12045	Universal	
<p>Wide open LPH: 110 Max. output pressure: 5-9 Voltage: 12 Fuel: Diesel and gasoline Type: Solenoid</p>	USEP8012S	Universal	
<p>Wide open LPH: 120 Max. output pressure: 3-5 Voltage: 12 Fuel: Diesel and gasoline with up to 15% Ethanol Type: Rotary-vane</p>	USEP8016HPT	Universal	
<p>Wide open LPH: 120 Max. output pressure: 5-9 Voltage: 12 Fuel: Diesel and gasoline with up to 15% Ethanol Type: Rotary-vane</p>	USEP8012HPT	Universal	
<p>Wide open LPH: 130 Max output pressure: 4-7 Voltage: 12 Fuel: Diesel Type: Rotary vane</p>	USEP12D	Universal	
<p>Wide open LPH: 150 Max. output pressure: 4-5.75 Voltage: 12 Fuel: Diesel and gasoline Type: Rotary vane</p>	USEP84070	Universal	
<p>Wide open LPH: 90 Max. output pressure: 4-6 Voltage: 12 Fuel: Diesel and gasoline Type: Solenoid</p>	USEP12005	Universal	



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4N4295	USOP0733	5
4N8734	USOP8734	5
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AR45080	US2000	15
AR45090	US2000	15
AR45184	US2001	15
AR45217	US2032	15
AR51333	US2033P	19
AR51360	US2033	19
AR61788	US2048	20

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WATER PUMP		
192939	US320	20
1859821	US308	20
1917690	US320	20
1942598	US308	20
1944842	US321	20
1945428	US320	20
1953276	US320	20
1956779	US320	20
2042162	US320	20
2104575	US321	20
682968	US16014	20
683386	US16015	20
1912939R	US320	20
1942598PE	US308	20
2042162PE	US320	20
2042162R	US320	20
2104575PE	US321	20
DETROIT DIESEL		
FUEL PUMP		
23505245	USFP20053	20
23517845	USFP20053	20
23532981	USFP20053	20
23537686	USFP20053	20
R23537686	USFP20053	20
680350E	USFP20053	20
OIL PUMP		
23505886	USOP5886	21
23527448	USOP7448	21
EA472180310	USOP3101	21
REPAIR KIT		
23538693	KT29-BP	21
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5104392	US2611	21
5144685	US2603	21
5144686	US2607	21
5149706	US1074	22
5149707	US1058	22
5149708	US2026	22
5149710	US2027	22
8928672	US2034	21
23505895	US60	22
23506003	US2603	21
23506007	US2607	21
23506011	US2611	21
23506704	US2027	22
23506711	US2026	22
23506723	US1074	22
23506735	US1058	22
23520136	US60	22
23522707	US60P	22
23522721	US60P	22
23526039	US60P	22
23530427	US2129	22
23531257	US2129	22
23531258	US2130	23
23532542	US2129	22
23532543	US2130	23
23535017	US2129	22
23535018	US2130	23
23538636	US2636	23
23538637	US311	23
23539601	US60P	22
EA 472 200 01 01	US0401	22
EA 472 200 04 01	US0401	22
R3518216	US60	22
4C3Z 8A616-AA	22332	24
4C3Z 8A616-SA	22332	24
7C3Z 8A616-F	22329	24
8C3Z 8A616-A	22329	24
8C3Z 8A616-S	22329	24
AU2Z 8A616-L	22611	23
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FAN CLUTCH		
AU2Z 8A616-TA	22612	23
E5TZ 8A616-C	22601	23
E5TZ 8A616-G	22601	23
E8TZ 8A616-D	22601	23



USMW HEAVY DUTY CROSS REFERENCE GUIDE



USMW HD CROSS REFERENCE GUIDE

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E9TZ 8A616-A	22601	23
F2TZ 8A616-C	22607	23
F2UZ 8A616-H	22601	23
F4TZ 8A616-B	22607	23
F5TZ 8A616-KB	22609	23
F81Z 8A616-DA	22611	23
F8UZ 8A616-AA	22612	23
WATER PUMP		
1U2Z 8V501-CA	US4096	25
2C3Z 8V501-BA	US4114	25
3C3Z 8501	US61	24
3C3Z 8501-A	US61	24
3C3Z 8501-ABRM	US61	24
3C3Z 8501-BA	US61	24
4C3Z 8501-AB	US67	24
4C3Z 8501-ABRM	US67	24
4C3Z 8501-AC	US67	24
4C3Z 8501-C	US67	24
4C4Z 8501-AARM	US85	24
4C4Z-8501-AARM	US85	24
5C4Z 8501-AA	US85	24
5C4Z-8501-AA	US85	24
8C3Z 8501-B	US76	24
8C3Z 8501-C	US76	24
8C3Z-8501-B	US76	24
BC3Z 8501-A	US77	25
D9HZ 8501-A	US4037	24
D9HZ 8501-B	US4037	24
E2HZ 8501-B	US4037	24
E4TZ 8501-C	US4018	25
E5HZ 8501-B	US4037	24
E7HN 8A513 AB	US4062	25
E8HZ 8501-B	US4062	25
E9TZ 8501-B	US4018	25
F1HZ 8501-C	US4071	24
F1HZ 8501-D	US4072	25
F3HZ 8501-B	US740H	16
F4TZ 8501-ARM	US4096	25
F5TZ 8501-B	US4096	25
F5TZ 8501-BRM	US4096	25
F5TZ 8501-C	US4096	25
F6JE 8501-BA	US4112	25
F6TZ 8501-AA	US4114	25
F7TZ 8501-BRM	US4114	25
F7TZ 8501-C	US4114	25
F7TZ 8501-CRM	US4114	25
F81Z 8501-A	US4114	25
F81Z 8501-ABRM	US67	24
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F81Z 8501-B	US4114	25
F81Z 8501-CRM	US4114	25
F81Z 8501F-A	US4114	25
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15991496	22605	26
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12456328	US5094	28
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19168609	US5086	27
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19168888	US63	27
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23500133	US5008	27
23500138	US5062	27
88893907	US5090	28
88894035	US5086	27
88894036	US5074	27
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88926225	US5077	28
89017748	US5077	28
89017773	US5090	28
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98098889	US72	27
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21811188	USOP4981	28
1802666C92	USOP2666	28
1808832C92	USOP8832	28
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7005478R91	USOP4981	28
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673162	US3707	29
1700594	US3702	29
1809374	US3705	29
1815538	US3712	30
3136053	US3711	30
1700594C91	US3702	29
1700594C92	US3702	29
1803276C95	US3705	29
1805952C91	US3705	29
1809374C91	US3705	29
1812313C93	US4096	29
1815538C91	US3712	30
1817687C92	US3713	29
1817687C94	US3713	29
1817687C95	US3713	29
1817687C96	US3713	29
1823669C92	US66	N/A
1830606C93	US3713	29
1830606C94	US3713	29
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1831005C92	US4114	N/A
1831676C91	US66	N/A
1831676C92	US66	N/A
1832498C91	US98	30
1841764C2	US2128	30
1842664C91	US2128	30
1842664C92	US2128	30
1842665C93	US2128	30
1845002C91	US85	30
1889116C92	US89	30
270918C93	US1099	28
3004721C91	US16005P	28
3004721C92	US16005P	28
3007644C91	US317	30
3007644C92	US317	30
3007644C93	US317	30
3007644C94	US317	30
3014418C92	US317	30
303395R91	US3703	29
3132676R93	US3708	29
3136053R93	US3711	30
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601816C91	US3703	28
601816C92	US3703	29
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680899C92	US3709	30
685155C91	US3710	29
685155C92	US3710	29
685155C95	US3710	29
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7081213C92	US98	30
735327C91	US3710	29
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8-12532-528-0	US5077	31
8-89060-527-0	US5077	31
8-97021-171-0	US9302	31
8-97073-951-0	US8969	31
9-97109-676-0	US8969	31
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RE504914	USOP4914	31
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RE500734	US5980	31
RE500737	US5980	31
RE505980	US5980	31
RE505981	US5980	31
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20824906	USOP4906	32
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21468472	US2304	33
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316GC1210A	US2046	32
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316GC3193	US6659	32
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MAN		
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51065007036	US16001	33
51.06500.6408	US16006	33
51.06500.6546	US16008	33
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51.06500.6554	US16010	33
51.06500.6616	US16004	33
51.06500.6637	US16005P	34
51.06500.7049	US16005	34
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000 200 99 23	22346	34
6800 4915AA	22328M	34
A000 200 72 23	22470	34
A000 200 73 23	22333	34
A000 200 97 23	22328M	34
A000 200 99 23	22346	34
6801 2412AA	22333	34
A000 200 73 23	22333	34
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906 180 0201	USOP0801	35
906 180 0601	USOP0801	35
906 180 0801	USOP0801	35
906 180 1101	USOP0801	35
WATER PUMP		
541 200 01 01	US16011	35
542 200 17 01	US16012	35
611 200 05 01	US6008	35
611 200 11 01	US6008	35
611 220 01 10	US6008	35
647 200 01 01	US6007	35
904 200 04 01	US16013	36
904 200 06 01	US16013	36
904 200 08 01	US16013	36
904 200 2601	US16013	36
904 200 49 01	US16013	36
904 201 02 01	US16013	36
906 200 1401	US16000	36
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906 200 62 01	US16019	36
906 200 63 01	US16018	36
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A366 200 6801	US2067BP	35
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FAN CLUTCH		
YB3013	22332	N/A
YB3125	22329	N/A
YB3126	22329	N/A
YB3157	22611	N/A
YB3164	22612	N/A

OEM PART NO.	USMW HD NO.	PAGE NO.
YB625	22332	N/A
YB632	22332	N/A
WATER PUMP		
PW450	US85	N/A
PW454	US4018	N/A
PW455	US4114	N/A
PW456	US66	N/A
PW482	US76	N/A
PW491	US67	N/A
PW502	US77	N/A
PACCAR		
WATER PUMP		
192939	US320	37
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1917690	US320	37
1942598	US308	37
1944842	US321	37
1945428	US320	37
1953276	US320	37
1956779	US320	37
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41314054	USOP4182	37
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U5MW0159	US0159	39
U5MW0160	US2068	39
U5MW0192	US0193	38
U5MW0193	US0193	38
U5MW0194	US0194	38
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74 21 812 257	US315	40
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SCANIA		
WATER PUMP		
1353072	US16016	40
1365841	US16017	40
1508533	US16016	40
1508534	US16017	40
1 057 0951	US16016	40
1 057 0952	US16017	40
THERMOKING		
WATER PUMP		
11-5252	US801	40
11-9356	US801	40
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20498514	USOP4906	41
85013231	USOP4906	41
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20920065	US316	41
20921947	US315	41
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21648708	US314	41
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21648712	US315	41
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85013056	US314	41
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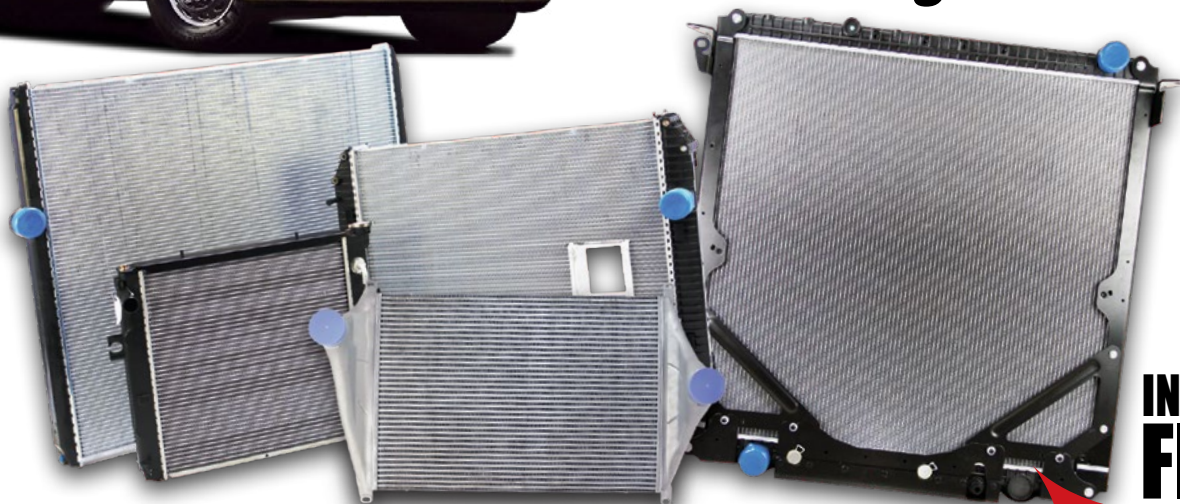


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- **Condensers**
- **Charge Air Coolers**



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- *Most models have superior stainless steel coolers replacing OE aluminum*
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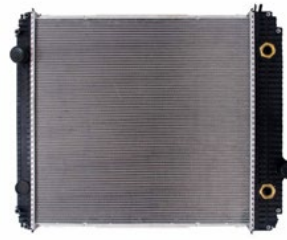


APPLICATION GUIDE

HD RADIATORS



PN: HDRHD1120



PN: HDRHD1079



PN: HDRHD0948

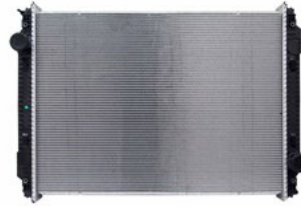
Make	Year	Application	OSC Part #	Replaces OEM Part #
Bluebird	1994-1999	TC, FE, School Bus, Fits Carpenter Bus	HDRHD1084	1003376, 1101949, 1769470, 1769470, 734730, 734867
Bluebird	1994-1997	School Bus, Fits Carpenter Bus	HDRHD1085	1003402, 1768688, 1768688, 734731, 734868
Bluebird	1996-1999	TC, FE, School Bus, Fits Carpenter Bus	HDRHD1086	21401, 734732, 1966324, G1966324, 1003476, 1102112
Bluebird	N/A	TC, FE, School Bus, Fits Carpenter Bus	HDRHD1087	1003401, 1768670, 1768670, 732558, 818762
Bluebird	2003-2007	Vision School Bus	HDRHD1120	60348, 65509, 115577, 97908, 10007026, 10007027
Bluebird	1996-2007	Rear Engine School Bus	HDRHD1138	10510, 11503, 1843184, 2093001, 1003247, 1040027
Bluebird	2007-2009	Bluebird Vision Bus with Cummins ISB	HDRHD9299	10010214, 1102648
Bluebird Bus	2007-2009	Bluebird Vision	HDRHD9369	
Bluebird Bus	2003-2006	Bluebird Vision	HDRHD9370	
Bluebird Bus	2010-2017	CV Vision W/ Ford V10 Gas or Propane	HDRHD9441	1102684
Ford	1995-1998	B/F800, L8501, L8511, LT8513 Series	HDRHD1074	081201F, 1AH00009S, 1AH00030S, 1AH00030SP, 1SA00100R, 1SA00100S
Ford	1996-1998	AT9513, 9522, L9501, 9513, LT9501, 9511, 9513, 9522	HDRHD1075	1003299, 1003354, 1003519, 1003540, 1030098, 1030128
Ford	1996-1998	L / LT 8501, 8511, 8513	HDRHD1076	1003302, 1003381, 1003382, 1030100, 1040016, 1040138
Ford	1996-1998	L / LT 8501, 8511, 8513	HDRHD1076AL	1003302, 1003381, 1003382, 1030100, 1040016, 1040138
Ford	1996-1998	AT / LT9513, 9522 Series	HDRHD1077	1003543, 1003298, 1030097, 1040001, 1040145, 1050056
Ford	1996-1998	L / LT 8501, 8511, 8513	HDRHD1078	92101, 1003301, 13382, 1040002, 1040014, 1040022
Ford	1996-1998	L / LT 8501, 8511, 8513	HDRHD1078AL	92101, 1003301, 13382, 1040002, 1040014, 1040022
Ford	1995-1998	B / F800, L8501, L8511, LT8513 Series	HDRHD1079	081211F, 1AH00012S, 1AH00031S, 1AH00031SA, 1AH00031SP, 1AH0009S
Ford	1994-1997	L, LA, LN, LS, LT9000 Series	HDRHD1130	059106L, 1003260, 1003263, 1003266, 1003273, 1003274
Ford	1999-2004	L / LT9500 / 9511	HDRHD1163	1003335, 1003362, 1003541, 1030118, 1030138, 1030228
Ford	1996-2000	L8500, L9000, L9501, L9513 Series	HDRHD1279	1003300, 1003413, 1003544, 1030099, 1030249, 1040008
Ford	1994-1997	LTA, LTL, LTS 9000 Series	HDRHD1306	F4HT8009C, F4HZ8005H, F4HT8009FB, F4HT8009FC
Ford	1994-1997	L, LA, LN, LS, LT8000, LN7000 Series	HDRHD9112	0148541L, 034255L, 1003304, 1003305, 1030104, 1040050
Ford	2012-2014	F650 6.8L Gas	HDRHD9544	3E0134220000, CC4Z8005C, 2613007C91
Ford / American LaFrance	2004-2007	Condor / Fire Truck	HDRHD1166	A0520667002, A0520667003, A0520668005, A0520668009, A0520668011
Ford / International	2008-2009	F500 / F600 / CF500 / CF600	HDRHD9133	2587286C91, 6E7Z8005AA, 3593599C94
Ford / International	2007-2009	Ford F500SD, 600SD / International Citystar CF450, 550	HDRHD9379	2591697C91, 7E7Z8005AA
Freightliner	2003-2007	Classic 120, FLD120 / SD, Columbia 120	HDRHD0948	140052W, 376761591, A4726, A4727, A4738, A4739
Freightliner	2001-2007	Columbia 112 / 120, CST / FLD120, M2 106	HDRHD0949	520514001, 376761541, A0519870002, A0519870003, A0519870011, A0519870013



PN: HDRHD1043



PN: HDRHD1054



PN: HDRHD1114



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HD RADIATORS

Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	2003-2007	Freightliner / Oshkosh Motorhome	HDRHD1030	10507, 10507, 1003471, 1948066, 310017
Freightliner	2008-2014	Columbia, Cascade	HDRHD1039	524936002, 526615020, 526620002, 526620004, 527743002
Freightliner	1994-2007	C/CST 120 / 122, Columbia 120, FL80 / 112, FLD 112 / 120, M2 106	HDRHD1040	516225001, A0516225001, 516255001, A0516255001, 516239002, 516255000
Freightliner	2003-2007	Coronado 132	HDRHD1043	B5323, BHT25323, BHTB5323, 2003062615805, 376761601, 75080
Freightliner	2003-2007	Columbia 112 / 120, CST / FLD120, M2 106	HDRHD1044	A05519870014, A055, BHTD9526, BHTE7238, BHTU393001
Freightliner	N/A	Motorhome Fire Truck Applications	HDRHD1048	3AH00308SP, 7856
Freightliner	2003-2007	COLUMBIA 112 / 120, CST / FLD120, M2 112	HDRHD1050	376761561, A0519870014, A0519870016, BHT93060, BHTD0530, BHTD0635
Freightliner	2008-2014	Cascadia, Columbia	HDRHD1051	
Freightliner	2008-2014	Cascadia, Columbia	HDRHD1052	
Freightliner	2008-2014	Cascadia, Columbia, M105	HDRHD1053	3E11860004, A052662004, A0527749000
Freightliner	2008-2014	M2 Business Class	HDRHD1054	526620005, 527749003, 529617003, 529617009, 1A0201190021, 3E01228
Freightliner	2008-2014	Cascadia, M105, L-Line	HDRHD1055	526606116, 526621002, 526621010, 527747002
Freightliner	2008-2014	Cascadia, Columbia, L Line, M115	HDRHD1056	524937002, 526621008, A0524937002
Freightliner	2008-2014	M105	HDRHD1057	526621003, 526621007, 526621011, 527747003, 527747007, 529615003
Freightliner	2008-2014	Cascadia	HDRHD1058	
Freightliner	2008-2014	Columbia, M2, LTC9500	HDRHD1059	526619004, 527751004, 529619020, A0526619004, A0527751004
Freightliner	2008-2014	Columbia, M2,LT9500 Series	HDRHD1060	524935006, 526614088, 526619010, 526619020, 526619022, 526619024
Freightliner	2008-2014	Columbia, M2 LT9500 Series	HDRHD1061	527751007, A0527745027, A0527751007, A0529618003, A0529628003
Freightliner	2003-	CST 120, Columbia 120	HDRHD1072	BHT98476, 376753251, 376761571, 93060, 98476
Freightliner	2003-2008	Century Class Columbia, American La France	HDRHD1080	B4761, B4763, BHTB4761, BHTC2307, BHTC7609, BHTH9350
Freightliner	1992-2004	FLD112 / 120 / 132, FL, FLN50 thru FI90 Series	HDRHD1105	1AH00068S, 2AH00032, 2AH00067, 2AH00068, 2AH00088, 310021T
Freightliner	1993-2006	Classic 120, Columbia 112 / 120, FL60-80 Series	HDRHD1106	516238000, 516756000, 519756000, 519756000, 1AH0074S, 2A1100029
Freightliner	2002-2004	FLN Business Class, MB70, FL, FLN50 thru FL90 Series Tomomas Bus W Freightliner Chassis	HDRHD1107	16909000, 376753311, 1AH0010S, 1AH00110S, 2AH00007, 2AH00086
Freightliner	1989-2006	C / CST 112, FL / FLD 112 / 120, M2 106	HDRHD1114	516378000, 516378001, 516378001, 516397000, 516397000, 5016397001



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Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	2005-+	M2 Business Class	HDRHD1115	BHTB9423, B9423, B9688, BHTB9688, BHTD2350, BHTD9442
Freightliner	2005-	Acterra, FI106	HDRHD1116	BHTE1582, BHTE2075, BHTE2076, BHTE4690, BHTF1582, BHTF1837
Freightliner	N/A	Fed Ex, Utilimaster Stepvan, MT-45, MT-55, MB-55	HDRHD1119	1003517, 1003557, 1003564, 1003566, 1003597, 1003599
Freightliner	N/A	Fed Ex, Utilimaster Stepvan, MT-45, Mt-55, MB-55	HDRHD1121	1003435, 1003439, 1003539, 1003556, 1040028, 1040060
Freightliner	2005-+	M2 Business Class	HDRHD1123	73803, 74657, 74660, B8344, B9686, BHT73803
Freightliner	N/A	Acterra, FL106, M2	HDRHD1124	BHT74667, D4553, 76553, 73814, 846663, 74667
Freightliner	2005-	Acterra, FL106, M2	HDRHD1125	BHTD5968, BHTF1578, BHTF2087, D5968, F1578, F2087
Freightliner	2008-2014	M2 Business Class / MM, Acterra	HDRHD1126	BHTD9454, D9455, BHTB9696, 91642, 91655, 91663
Freightliner	2005-+	M2 Business Class	HDRHD1127	BHT91665, 91657, 91665, B6733, BHT91657, BHTB6733
Freightliner	2004-2007	Acterra, FL106, M2	HDRHD1128	BHTD5969, BHTE8247, BHTE8296, BHTF1580, BHTF2078, D5969
Freightliner	2008-2014	M2 Business Class, Mm, Acterra	HDRHD1129	B9702, BHT66111, BHT74689, BHTB9694, BHTB9702, BHTD2344
Freightliner	2004-2007	Acterra. L / LT 7500, 8500	HDRHD1139	525990003, B3869, B3872, B7718, BHTB3869, BHTB3872
Freightliner	2004-2007	Acterra. L / LT 7500, 8500	HDRHD1139AL	525990003, B3869, B3872, B7718, BHTB3869, BHTB3872
Freightliner	2008-2009	Freightliner	HDRHD1140	527409000, BHTS4520001
Freightliner	1996-2006	Argosy Coe	HDRHD1159	517261000, 517261001, 1SA00213, 20011713, 2AH00096, 310101T
Freightliner	2001-2004	FI50-90 W/ PTO	HDRHD1164	376753321, 1AH00114S, 2AH00114, 2AHDD114, 310041T, 3AH001955
Freightliner	2003-2007	Acterra, FI106	HDRHD1170	BHT74671, BHTD9438, BHT74675, BHT74676, 20050201013603, 73801
Freightliner	2008	Cascadia	HDRHD1190	526621001, 526678001, 3S118571, 3E0118590001
Freightliner	2008	Cascadia	HDRHD1191	
Freightliner	1993-2003	Motorhome Chassis	HDRHD1282	1003451, 1040078, 1102073, VAB1003451, VAB1040078, VAB1102073
Freightliner	1998-2004	FLS50-90	HDRHD1307	1AH00070S, 2AH00070, 310051T, 376753331, 3AH00197SP, A0516060003
Freightliner	1996-2002	Utilimaster Stepvan	HDRHD1308	1003434, 1003438, 1003555, 1040160, 1102036, 1102253
Freightliner	2007-2009	Coronado, W95, 14SD	HDRHD1309	526617020, 56622000, 526622004, 527750002, 529618002, 3S0580820002
Freightliner	N/A	Freightliner / Oshkosh Motorhome	HDRHD1317	
Freightliner	2012	Cascadia	HDRHD1319	530676001, A0530676001, 3A0579670001, 3A057960001, 3E0136210001, 3E11407
Freightliner	2012	Cascadia	HDRHD1320	3S0582003, 530675003, 3S0582180003, 3E0136210003



PN: HDRHD9166



PN: HDRHD9176



PN: HDRHD9227



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HD RADIATORS

Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9158	528637003, 529621003, 530350003, 530530003
Freightliner	2013	W115, Coronado	HDRHD9159	526678004, 527748002, 529616002, 3E0122680002, A0525304002, A0525304006
Freightliner	1996-2002	Mt55 Fedex Van, Utlimaster Stepvan	HDRHD9166	1003435, 1003439, 1003539, 1003556, 1040028, 1040060
Freightliner	2005-+	M2 Business Class	HDRHD9167	BHTB9423, B9423, B9688, BHTB9688, BHTD2350, BHTD9442
Freightliner	2005-+	M2 Business Class	HDRHD9168	73803, 74657, 74660, B8344, B9686, BHT73803
Freightliner	2012	Cascadia	HDRHD9169	530676001, A0530676001, 3A0579670001, 3A057960001, 3E0136210001, 3E11407
Freightliner	2012	Cascadia	HDRHD9170	3S0582003, 530675003, 3S0582180003, 3E0136210003
Freightliner	2008-+	Cascadia	HDRHD9171	
Freightliner	2010	Cascadia	HDRHD9172	526620005, 527749003, 529617003, 529617009, 1A0201190021, 3E01228
Freightliner	2008-2014	Columbia / Cascadia	HDRHD9173	524936002, 526615020, 526620002, 526620004, 527743002, 527749000
Freightliner	2008-+	Columbia W/ PTO	HDRHD9174	3A057331005, 3E010246001, A0526619013, 526619013, 526619017, A0525300013
Freightliner	2008-+	Columbia W/ PTO	HDRHD9175	526619025, 526619026, 526619028, 527751014, 527751016, 3A0573310006
Freightliner	2008-+	Columbia W/ PTO	HDRHD9176	527751003, 527751003, 526619026, 526619029, 529619014, 3S11864-11
Freightliner	2008-+	Columbia W/ PTO	HDRHD9177	1A0201220012, 3E0120460001, 526619012, 526619016, A0526614032
Freightliner	2008-2014	M105 / Cascadia	HDRHD9179	527749001, 529617001, 526620001, 529617007
Freightliner	2008-2014	M105 / Cascadia	HDRHD9180	527749000, 529617000, 526620000, 527749004, A0525302010
Freightliner	2012-2014	W95, 114SD	HDRHD9185	529618000, 529628000
Freightliner	2012-2014	W95, 114SD	HDRHD9186	529618003
Freightliner	2012-2014	W95, 114SD	HDRHD9187	529618001
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9188	528637002, 529621002, 530350002
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9189	528637000, 529621000, 530350000
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9190	528637001, 529621001, 530350001
Freightliner	2013	W115, Coronado	HDRHD9191	527748000, 529616000, 526678000, A0525304000
Freightliner	2013	W115, Coronado	HDRHD9192	527748003, 529616003, 524939003, A0525304003
Freightliner	2012-2013	W115, Coronado	HDRHD9193	526678001, 527748001, 529616001, A0525304001, A0525304005
Freightliner	2007-2009	Coronado, W95, 14SD	HDRHD9227	526617020, 56622000, 526622004, 527750002, 529618002, 3S0580820002



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HD RADIATORS



PN: HDRHD9243



PN: HDRHD9294



PN: HDRHD9324

Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9228	528637003, 529621003, 530350003, 530530003
Freightliner	2013	W115, Coronado	HDRHD9229	526678004, 527748002, 529616002, 3E0122680002, A0525304002, A0525304006
Freightliner	2012-2014	W95, 114SD	HDRHD9230	529618000, 529628000
Freightliner	2012-2014	W95, 114SD	HDRHD9231	529618003
Freightliner	2012-2014	W95, 114SD	HDRHD9232	529618001
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9233	528637002, 529621002, 530350002
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9234	528637000, 529621000, 530350000
Freightliner	2008-2013	W110, Coronado CC, Coronado CD	HDRHD9235	528637001, 529621001, 530350001
Freightliner	2013	W115, Coronado	HDRHD9236	527748000, 529616000, 526678000, A0525304000, A0525304004
Freightliner	2013	W115, Coronado	HDRHD9237	527748003, 529616003, 524939003, A0525304003
Freightliner	2012-2013	W115, Coronado	HDRHD9238	526678001, 527748001, 529616001, A0525304001, A0525304005
Freightliner	2013	W125, Coronado	HDRHD9243	
Freightliner	2010-2012	Thomas Bus Fit C2 Model	HDRHD9256	1003748A, 1040293AS, 1050207, 1050293, 1102619
Freightliner	2013	Coronado 45-5/8"	HDRHD9259	527746003, 529613003, 528644003, 529614003, 524940003, 526623011
Freightliner	2010-2012	School Bus	HDRHD9269	
Freightliner	2013	W125, Coronado	HDRHD9274	
Freightliner	2010-2013	Coronado 45-5/8"	HDRHD9275	527746002, 529613002, 528644002, 529614002, 526914002, A0525305002
Freightliner	2010-2013	Coronado 45-5/8"	HDRHD9276	527746000, 529613000, 526623000, 528644000
Freightliner	2010-2013	Coronado 45-5/8"	HDRHD9277	529613001, 526623001, 526623007, 528644001, 529614001, A0525305001
Freightliner	2013	W125, Coronado	HDRHD9278	
Freightliner	2013	W125, Coronado	HDRHD9279	
Freightliner	2013-2014	Freightliner Cascadia 42-1/8" W/ Frame	HDRHD9292	3A0581790003
Freightliner	2013-2014	Cascadia 35-3/4"	HDRHD9294	530990001, 1A0210810001, 3A0580800001
Freightliner	2013-2014	Cascadia	HDRHD9295	
Freightliner	2013-2014	Cascadia 35-3/4"	HDRHD9296	3A0580800002, 3S0580800002, 531002002, 1A0211070002
Freightliner	2013-2014	Cascadia	HDRHD9297	
Freightliner	2007+	Argosy	HDRHD9308	3E129910000, 3E12992, 3A0571850000, 529517000
Freightliner	2010-2018	M2 106 / 108sd W/ Cummins LSL or L9	HDRHD9310	A0528847001, Y1962001, BHTV9208001, V9208001, BHTV9208002, V9208002
Freightliner	2013-2014	Cascadia	HDRHD9323	3A0580800001, 1A0210810001, 3A0580800005, 3S0580800005, 530990001
Freightliner	2013-2014	Cascadia	HDRHD9324	3A0580800003, 3S0580800003, 3A0580800005, 530990003, 1A0210810003



PN: HDRHD9339



PN: HDRHD9425



PN: HDRHD1162



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Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	2012-2014	114SD	HDRHD9329	A0530702001, BHTEA753001
Freightliner	2012-2014	114SD W/ Cummins LSL 9L	HDRHD9330	BHTEA751001
Freightliner	2012-2014	114SD	HDRHD9331	
Freightliner	2012-2014	114SD	HDRHD9332	
Freightliner	2013-2014	114SD	HDRHD9337	1A0209940003, A0530356007, 3A0579240003, 530352007
Freightliner	2012-2013	Coronado CC, CD	HDRHD9339	530350006, 1A0209030002, A0530354006, 3A0576180002
Freightliner	2013-2014	Cascadia	HDRHD9340	3S058080002, 3S580802, 3S0580800002, 1A0210840006, 3A0580800006, 3S0580800006
Freightliner	2014-2015	Columbia, Cascadia	HDRHD9408	3A0581790002, 3S0581790002
Freightliner	2014-2015	Coronado, 114SD	HDRHD9409	3A0580750002, 3S0580750002
Freightliner	2007-2009	Argosy	HDRHD9416	3E0120160000, 3S0120160000, 3S0123710000
Freightliner	2010-2013	M2 106	HDRHD9430	A0528847000, V9598001, Y1963001
Freightliner	2014-2015	Cascadia	HDRHD9438	
Freightliner	2013-2015	M2 112 W/ PTO	HDRHD9459	5309890005, 1A0210530005, 3A0580790005, 3E0580790005
Freightliner	2013-2015	M2 112 W/ PTO	HDRHD9460	5309890006, 1A0210530006, 3A0580790006, 3E0580790006
Freightliner	2013-2015	M2 112 W/ PTO	HDRHD9461	5309890007, 1A0210530007, 3A0580790007, 3E0580790007
Freightliner	2013-2015	M2 112 W/ PTO	HDRHD9462	5309890004, 1A0210530004, 3A0580790004, 3E0580790004
Freightliner	2008-2013	M2 112	HDRHD9463	529619002, A0529629002, 3A0573300003
Freightliner	2013-2015	M2 112	HDRHD9464	5309890002, 1A0210530002, 3A0580790002
Freightliner	2006-2012	MT45	HDRHD9479	1003666
Freightliner	2010+	Shuttle Bus	HDRHD9536	1102641, 1003731
Freightliner	2002-2007	MT45	HDRHD9552	1003557
Freightliner	2017-2018	Cascadia Series	HDRHD9621	800131, 800131PT, 800131PTWF, TXE1003850, TXE1003850D, 1003850
Freightliner Chassis	2010+	Parcel Delivery Trucks & Motor Home Chassis	HDRHD9318	3E0128090000, MOD3S0120890000, A0529760000, 3S0584300000, A0529022000, 3S0128090
Freightliner Chassis	2011-2013	Parcel Delivery Trucks & Motor Home Chassis	HDRHD9425	
Freightliner/ American LaFrance	2007-2010	Condor	HDRHD9305	
Freightliner/ American LaFrance	2007-2010	Condor	HDRHD9306	A0526612004, 1A20141
Freightliner/ Oshkosh/Bluebird	2010-2013	A3FE (Front Engine)	HDRHD9432	10014205, 1003755, 1040312
Freightliner/ Oshkosh/Bluebird	2003-2007	All American FE	HDRHD9433	115578, 1003679, 1040264
Freightliner/Sterling	2008-2010	Columbia W/ PTO	HDRHD1161	1A0201220012, 3E0120460001, 526619012, 526619016, A0526614032
Freightliner/Sterling	2008-2010	Columbia W/ PTO	HDRHD1162	3A057331005, 3E010246001, A0526619013, 526619013, 526619017, A0525300013



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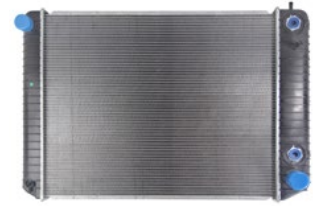
HD RADIATORS



PN: HDRHD1168



PN: HDRHD9294

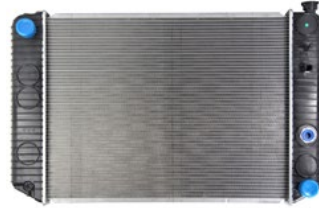


PN: HDRHD9119

Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner/Sterling	2004-2007	Acterra, FI106	HDRHD1165	91653, 91661, 91662, B6719, B9316, B9384
Freightliner/Sterling	2003-2007	Condor	HDRHD1167	A0520667000, A0520668001, A0520802001, A0520668000, A0520667001, A0520668006
Freightliner/Sterling	2008-2010	L-LT 7500 - L-LT 8500	HDRHD1168	525092002, 527409002, BHTN4350001, BHTR6029001
Freightliner/Sterling	2008-2012	M2, LT7500 / 8500	HDRHD1169	527409006, 527410006, A0527410006, A05274090006, EB906001, Y1086001
Freightliner/Sterling	2008-2014	Columbia W/ PTO, M2, LT9500 Series	HDRHD1171	526619025, 526619026, 526619028, 527751014, 527751016, 3A0573310006
Freightliner/Sterling	2008-2014	Columbia W/ PTO, M2, LT9500 Series	HDRHD1172	527751003, 527751003, 526619029, 529619014, 3S11864-11
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9102	525340003, 525340007, 525340011, 525340015, 525424009, 528484001
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9103	V9598001, A0528847000
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9104	525194003, 525194007, A0525423003, A0525423007, BHTN4152001, BHTR6059001
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9105	A0525423006, BHTR6064001, R6226001
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9106	525194005
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9107	525340010, 525340014, A0525424002, A0525424006, A0525424010, A0525424014
Freightliner/Sterling	2008-2012	M2 106 Business Class / Acterra	HDRHD9123	A0525424001, M2562001, M1682001, N3086001
Freightliner/Sterling	2008-2011	M2 106 Business Class / Acterra	HDRHD9124	525194000, 525194004, A0525423000
Freightliner/Sterling	2003-2007	M2 Business Class / Sterling Acterra 5500	HDRHD9181	BHTD5967
Freightliner/Sterling	2008-2010	Freightliner M2 WO / PTO / M2 / L7500	HDRHD9285	527409003
Freightliner/Sterling	2008-2012	M2, LT7500 / 8500	HDRHD9300	525092004, 528822004, A0528821006, Y0480001
Freightliner/Sterling	2008-2012	M2, LT7500 / 8500	HDRHD9301	527409005
Freightliner/Sterling	2008-2012	M2, LT7500 / 8500	HDRHD9302	527409007
Freightliner/Sterling	2008-2012	M2, LT7500 / 8500	HDRHD9303	527409001
Freightliner/Thomas	2010-2012	Freightliner / Thomas Bus EF Model	HDRHD9298	1003749AS, 1040382AS, 1102621AS, VAB1003749, VAB1050208, VAB1102621
Freightliner/Wester Star	2008-2012	Freightliner M2 112, Western Star 4700SB, Cascadia	HDRHD9315	1A0210530003, 530989003, 3A0580790003, 3S058079003
Freightliner/Wester Star	2013-2015	Freightliner M2 112, Western Star 4700SB	HDRHD9338	1A0208130003, A0529629003, 3A0573300003, 529619003
Freightliner/Wester Star	2013-2015	Freightline Coronado, Western Star 4900	HDRHD9371	3A0580810003, 3S0580810003
General Motors	2006-2008	Workhorse Chassis	HDRHD9111	52494798, 52473153, RA1133, 20926, 1R2963, RA1221
General Motors	1996-2001	Topkick / Kodiak	HDRHD9119	20506, 21641, 52452179, 89018626, RA1021



PN: HDRHD9120



PN: HDRHD9153



PN: HDRHD9273



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Make	Year	Application	OSC Part #	Replaces OEM Part #
General Motors	1997-2001	Topkick / Kodiak	HDRHD9120	20814, 52469620, RA1089
General Motors	1990-1993	Topkick / Kodiak	HDRHD9121	20612, 20751, 52457675, RA1056
General Motors	1998-2001	Topkick / Kodiak	HDRHD9122	21447, 52477165, 52487493, RA1207
General Motors	1997-1998	Topkick / Kodiak	HDRHD9130	52469619, RA1088, 20813
General Motors	1991-1998	Topkick / Kodiak	HDRHD9135	3096043, 3096048, 3096055, 52453115, 52453116, RA1011
General Motors	1991-1998	Gmc Forward Control Chassis	HDRHD9140	3096049, 52451040, 52457248, 52458081, RA1043, RA1047
General Motors	1997-2001	Topkick / Kodiak	HDRHD9141	20815
General Motors	1991-2002	Topkick / Kodiak	HDRHD9142	52461249, 52465437, 20772
General Motors	1991-2002	Topkick / Kodiak	HDRHD9143	52457549, 20771, RA1046
General Motors	1991-1996	Medium Forward Control Chassis	HDRHD9144	52469622, RA1091, 20816
General Motors	1990-1998	Topkick / Kodiak	HDRHD9145	3096047, 52452178, 52456571, 52465094, 20525
General Motors	1997-2001	Topkick / Kodiak	HDRHD9146	52471173, 52471174, RA1111, 20853, 20854
General Motors	1997-2001	Topkick / Kodiak	HDRHD9147	52473581
General Motors	1991-1998	Topkick / Kodiak	HDRHD9148	52458204, 52460930, 52471178, 52471180, RA1113
General Motors	1998-2001	Topkick / Kodiak	HDRHD9149	
General Motors	1993	School Bus, Medium Forward Control Chassis	HDRHD9150	RA1059
General Motors	1998-2001	Topkick / Kodiak	HDRHD9151	52487492, RA1206, 21446
General Motors	1998-2000	School Bus, Medium Forward Control Chassis	HDRHD9152	52476984, RA1147, 20934
General Motors	1993	School Bus, Medium Forward Control Chassis	HDRHD9153	52461325, 20636
General Motors	1996-2001	Topkick / Kodiak	HDRHD9154	52469621, RA1090
General Motors	1991-1998	C5 / C6 / C7	HDRHD9156	3096058, 20505
General Motors	2011-2013	T200 / T300 Series 337	HDRHD9157	W0264001, U3500001, F316164110120G
General Motors	2003-2007	Topkick / Kodiak	HDRHD9161	15258914, 15797458, 19130054, 21697
General Motors	2003-2007	Topkick / Kodiak	HDRHD9195	15170910, 15797459, 21591, 21696, B1459
General Motors	2003-2007	Topkick / Kodiak	HDRHD9196	B1449, 15258913, 15921764, 21695
General Motors	2003-2007	Topkick / Kodiak C6500-8500	HDRHD9206	19130048, 15797460, 21698
Gillig Bus	2008-2012	Gillig Bus	HDRHD9155	1A20754, 3E0129517000
Gillig Bus	2008-2012	Gillig Bus	HDRHD9320	1A20754, 3E0129517000
Gillig Bus	2008-2012	Gillig Bus	HDRHD9378	3E0129647100
Gmc/Chevrolet	2003/2007	Topkick / Kodiak	HDRHD1174	15013551, 15258917, 15797463, VAL1003639, 21693, 1003639AR
Gmc/Chevrolet	2003-2007	Topkick / Kodiak	HDRHD1281	15013500, 15170904, 15170906, 21694
Gmc/Chevrolet	2004-2007	Topkick / Kodiak C6500 / C7500 / CF8500 Series	HDRHD9160	1003643AR, 15013568, 15258909, 15258911, 19130053, 21578
Gmc/Chevrolet	1997-2002	Low Cab Forward T-Series Diesel	HDRHD9257	20877, 52470232, 52470233, RA1099
Gmc/Chevrolet	2003-2007	Topkick / Kodiak	HDRHD9273	21580, 19130054, 21581, 15013574
Gmc/Chevrolet	1997-2002	Low Cab Forward T-Series Gas	HDRHD9293	20876, 20882, 52470226, 52470229, 52470237, RA1098



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PN: HDRHD1176

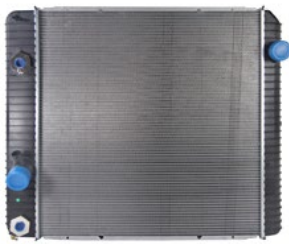


PN: HDRHD9139SF

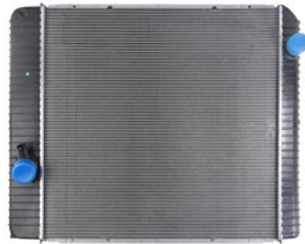


PN: HDRHD9268

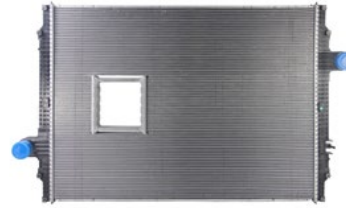
Make	Year	Application	OSC Part #	Replaces OEM Part #
Gmc/Isuzu	1994-2013	NPR / NQR / W3500 / W4500 / W5500	HDRHD1176	1040080, 8970442933, 8971288810, 8971433731
Gmc/Isuzu	1993-2003	W3500, W4500, W5500, NPR / NRR	HDRHD9126	8792136641, 8973543621, 8973543650, 8977300880
Gmc/Isuzu	2004-2010	NPR / NRR / GMC W3500 / 4500 / 5500	HDRHD9217	8973331400, 8973331410, 97333140, 97333141
Gmc/Isuzu	2004-2007	Low Cab Forward T-Series/ FTR	HDRHD9307	21570, 21571, 21572, 89023363, 89023385
Gmc/Isuzu	2008-2010	NPR / NRR 5.2L Diesel & W3500-5500 5.2L Diesel	HDRHD9413	8980113402, 8981368893, 8982599430, 98011340
Gmc/Isuzu	2007-2010	NPR / NRR 5.2L Diesel & W3500-5500 5.2L Diesel	HDRHD9414	8980113402, 8981368893, 8982599430, 98011340
Hino	N/A	N/A	HDRHD1175	16400E 0070, 16400E 0071, S160906840, S16A0E 0540
Hino	N/A	N	HDRHD1283	
Hino	2005-2007	145, 165, 185	HDRHD9197	16400E 0220, 420005331, S160906850
Hino	2005-2007	145, 165, 185	HDRHD9198	S160906860
Hino	2008-2010	238 / 258 / 268 / 308 / 338	HDRHD9352	S16A0E 0580, 16400E 0260, 16400E 0262
Hino	2011-2015	258 / 268 / 338	HDRHD9406	16400E 0E 31, 16400E 0031
Hino	2011-2015	258 / 268 / 338	HDRHD9407	16400E 0E 31, 16400E 0031
Hino	2008-2010	145, 165	HDRHD9410	16400E 0290, 16400E 0291
Hino	2011-2015	195	HDRHD9426	1640078C31
Hino	2011-2015	195	HDRHD9427	1640078C31
Hino	2008-2010	165 / 185 M/T NB / NC M/T	HDRHD9434	16400E 0280
Hino	2008-2010	165 / 185 M/T NB / NC M/T	HDRHD9435	16400E 0280
Hino	2008-2010	165 / 185 A/T NB / NC A/T	HDRHD9436	16400E 0300, 16400E 0301
Hino	2008-2010	165 / 185 A/T NB / NC A/T	HDRHD9437	16400E 0300, 16400E 0301
Hino	2008-2010	238 / 258 / 268 / 308 / 338 M/T	HDRHD9454	16400E 0250
Hyster	1995-2001	Hyster Lift Truck H177, H45-65XM	HDRHD9139	580035306, 8516829, 2054531
Hyster	1995-2001	Hyster Lift Truck H177, H45-65XM	HDRHD9139SF	580035306, 8516829, 2054531
Hyster	1995-2001	Hyster Lift Truck H177, H45-65XM	HDRHD9209	580035305, 8516828, 2054530
Hyster	1995-2001	Hyster Lift Truck H177, H45-65XM	HDRHD9209SF	580035305, 8516828, 2054530
Hyster	2001-2005	Hyster Lift Truck S25-35XM, S40XMS, H25-35XM, S25-40XM	HDRHD9218	580021191, 2043720, 8508901
Hyster	2001-2005	Hyster Lift Truck S25-35XM, S40XMS, H25-35XM, S25-40XM	HDRHD9218SF	16420U128171, 1640U128071A
Hyster/Yale	N/A	N/A	HDRHD9215	580015726, 580018726, 1737170, 8504628
Hyster/Yale Lift Truck	N/A	N/A	HDRHD9214	580015725, 1736545, 8504627, 2037936
Hyster/Yale Lift Truck	N/A	N/A	HDRHD9365	580035840, 2055337, 8517301
International	2008-2010	Workstar	HDRHD9128	1003715, 1003715gs, 26044554c91, 2604454c95, 1102557, 11025578
International	2001-2012	Durastar 4400	HDRHD9163	3E0115130000, 2593302C92
International	2010+	Prostar, Transtar, High Temperature RAD	HDRHD9165	1003713, 1040306, 2604400-C94, 1102580
International	2013-2014	Terrastar	HDRHD9267	2606537C91, 3E0130490000, 3875749F92
International	2012	Durastar 4400	HDRHD9268	2602925C92
International	2010-2013	Prostar, High Temperature RAD	HDRHD9270	2604295C95, 1003714



PN: HDRHD9272



PN: HDRHD9266



PN: HDRHD9125



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Make	Year	Application	OSC Part #	Replaces OEM Part #
International	2010-2013	Transtar, High Temperature RAD	HDRHD9271	2604400C96, 1003713
International	2011-2014	Durastar 4000 Series	HDRHD9272	2601807C92, 3E0124840000
International	2008+	Lonestar	HDRHD9288	2596325C91, 3E0117240000
International	2010+	Workstar (High Temp Radiator)	HDRHD9289	2604145C91
International	2008-2011	Paystar 5900i	HDRHD9316	2592373C92, 1S180140, 3E0113910000
International	2012-2013	Prostar / Workstar 13L Maxx Force	HDRHD9317	3928017F92, 2511216C92, 1003794, 1102568, 2513223C1
International	2010-2013	Prostar LTR	HDRHD9325	2604297C92, 1003712
International	2010-2013	Workstar 7500/7600 LTR	HDRHD9326	2604461C94, 1003716
International	2008-2010	Prostar, Transtar, High Temperature RAD	HDRHD9327	259850C91, 2594850C91, 3E0117490000
International	2008-2009	Prostar W/Maxxforce 13, Low Temperature RAD	HDRHD9353	3E0126430000, 2596322C92, 2601280C91
International	2008-2010	Prostar, Transtar, High Temperature RAD	HDRHD9419	2594872C91, 3E0117500000, 3S0117500000
International	2016-2017	Hx520/620 W/ LSX15	HDRHD9486	1102848, 2516021C1
International	2013-2017/ 2015-2016	9900 Wisx15 / Paystar 5900	HDRHD9487	1102779, 2512248C92
International	2010-2013	Workstar 13L Maxx Force	HDRHD9508	1003793, 25133238C1
International/ Caterpillar	2010- 2015/2014	International Paystar / Caterpillar CT660/C64	HDRHD9405	1102637, 2611271C92, 1040310, 1103750
International/ Caterpillar	2010-2013	Paystar 5500 / 5600 / C90	HDRHD9488	1102654, 1003761, 2513221C1, 3874292F92, 2611077C93
International/ Caterpillar	2010-2013	Paystar 5500 / 5600 / C90	HDRHD9509	1003773, 261204291
International/ Ford	2007-2009	Prostar / Eagle 9100i / 9200; F750 W/ CAT 7	HDRHD9162	2591550C91, 2591556C91, 2591560C91, 2606177C91
International/Ford	2011-2012	International Durastar / Ford F650 / 750	HDRHD9266	2601756C92, 3E0124850000
International/ Navistar	2010-2012	Workstar 7300 / 7400 / 7500	HDRHD9403	2605069C91, 3282605069C91, 3E0125530002
Isuzu/Gmc	2011-2016/ 2011-2013	NPR / NQR / NRR 5.2L DSL & W3500-5500 5.2L DSL	HDRHD9411	8981368874, 8981368892, 8981368893, 8981368894
Isuzu/Gmc	2011-2016/ 2011-2013	NPR/NQR/NRR 5.2L DSL & W3500-5500 5.2L DSL	HDRHD9458	8981368874, 8981368892, 8981368893, 8981368894
Kenworth	2006-2010	T660 / W900 / W900b2	HDRHD9108	1A0202650000, 20080915190509, F3160881101120, N4020001
Kenworth	2006-2010	T660 / W900 / W900B2 / T800H	HDRHD9109	W0265001
Kenworth	2008-2012	T660	HDRHD9110	14105AC, 5NA10, F3160951001020, H7085
Kenworth	2000-2003	T300	HDRHD9201	K19419271, K19419272
Kenworth	2000-2003	T300	HDRHD9202	K19419271, K19419272
Kenworth	2008-2012	T800 High Hood	HDRHD9216	R1286001, P8953001, R1286002
Kenworth/Peterbilt	2008-2013	T660 / Peterbilt 320 Curbtender	HDRHD9125	L9792001, L9797001, R1621001, T8789001
Komatsu Lift Truck	N/A	N/A	HDRHD9343	3EA0451110
Komatsu Lift Truck	N/A	N/A	HDRHD9354	3EB04A7210
Komatsu Lift Truck	N/A	N/A	HDRHD9360	3EA04A6110
Komatsu Lift Truck	N/A	N/A	HDRHD9361	3EA04A6310
Komatsu Lift Truck	N/A	N/A	HDRHD9366	3EB04A6110

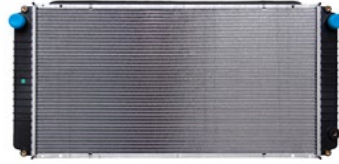


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PN: HDRHD1028



PN: HDRHD9319



PN: HDRHD9260

Make	Year	Application	OSC Part #	Replaces OEM Part #
Komatsu Lift Truck	N/A	N/A	HDRHD9380	3EC04A6210
Lincoln Welder	N/A	Vintage 300	HDRHD1346	CAG31152, G31152
Lincoln Welder	N/A	Vintage 400	HDRHD1347	CAG31153, G31153, G31156
Mack	1995-2005	CH Series	HDRHD1028	1003269, 1003270, 1003470, 1003486, 1003486F, 1050026
Mack	1997-2007	RD, CU / CV713	HDRHD1029	1003347, 1003458, 1003488, 1003488F, 1102138, 1102138A
Mack	1997-2004	Mack RD Series	HDRHD1062	2096102311, 20961102311, 25174124, 3MF5527AM, 3MF5527BM, 3MF5527M
Mack	1999-2004	Vision, CX613	HDRHD1177	1003474, 1003475, 1003546, 1003619, 1050022, 1102339
Mack	2006-2010	CX, CXN-612	HDRHD1178	376753551, 3MF5514AM, 3MF5541AM, 3MF5541M
Mack	2006-2010	Mack / Volvo	HDRHD1278	376761671, 21000188, 21000189, 21095127
Mack	N/A	Titan / Superliner	HDRHD9226	N9600002
Mack	1997-2006	CX Series	HDRHD9258	
Mack	1996-2005	RD Series	HDRHD9263	
Mack	1996-2005	CH Series	HDRHD9264	
Mack	2010-2014	LEU	HDRHD9319	21349649, 85122100, 3E0127170000
Mack	2008-2010	GU / Granite & Volvo VHD	HDRHD9373	21000188
Mack/Volvo	2008-2010	CHN, CHU, GU, Granite & Volvo VHD, VXL	HDRHD1180	BHTR2625001, R2625001
Mack/Volvo	2008-2010	CHN, CHU, GU, Granite & Volvo VHD, VXL	HDRHD1181	21000184, 21000185, 21095126
Mack/Volvo	2008-2010	CHN, CHU, GU, Granite & Volvo VHD, VXL	HDRHD1182	21000732, 21000733, 21095130, 85112702, 376761661, 2MF561M
Mack/Volvo	2008-2010	Volvo VT & VT2 Series / Mack Titan	HDRHD1188	20956551, 20956560, 21139038, 21139044, 21199276, 21504546
Mack/Volvo	2008-2010	CHN, CHU, GU, Granite & Volvo VHD, VXLI	HDRHD9372	21000733, 21095130, 2153041, 21504554
Mack/Volvo	2008-2015	CHN, CHU, GU, Granite & Volvo VHD, VXL	HDRHD9420	21000184, 21000185, 21095126
Magnum	1995-2002	Safari Motorhome, Spartan Chasis	HDRHD9116	1003426, 1003447, 1040047, 1101950, 507587, 818766
Mcf/Mitsubishi/Cat	N/A	Mitsubishi / CAT Lift Truck / FG25N / P5000	HDRHD9211	91E0100010
Mcf/Mitsubishi/Cat	N/A	Mitsubishi / CAT Lift Truck / FG25N / P5000	HDRHD9211SF	91E0100010
Mitsubishi	1996-2004	FE, FG, FH	HDRHD9131	10412468010, MC127002, ME92313
Mitsubishi		Mitsubishi / CAT Lift Truck	HDRHD9212	93E0100010
Mitsubishi	1996-2004	FE, FG, FH	HDRHD9260	
Mitsubishi / Caterpillar Lift Truck	N/A	N/A	HDRHD9355	93B0110020
Mitsubishi/Fuso	2003-2008	FK / FM / FN / 7.5L Fighter	HDRHD9351	MC433044, MC433497, MC443350, ME294378
Mitsubishi/Fuso	2003-2008	FK / FM / FN / 7.5L Fighter	HDRHD9412	MC433044, MC433497, MC443350, ME4298717, ME298718, ME298716
Mitsubishi/Fuso	2012-2017	FE160 / 180 DSL	HDRHD9442	ME418716
Mitsubishi/Fuso	2012-2017	FE160 / 180 DSL	HDRHD9443	ME418716
Mitsubishi/Fuso	2004-2005	FM	HDRHD9445	ME418689, ME408706



PN: HDRHD0933



PN: HDRHD1137



PN: HDRHD9313



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Make	Year	Application	OSC Part #	Replaces OEM Part #
Mitsubishi/Fuso	2008-2012	FK / FN / 7.5L Fighter	HDRHD9446	ME418736
Mitsubishi/Fuso	2008-2012	FK / FN / 7.5L Fighter	HDRHD9447	ME418736
Mitsubishi/Sterling	2005-2009/ 2007-2009	FE / Canter & 360 FA / FB / FC / FD	HDRHD9415	ME403812, ME409584, ME413765, ME415400
Mitsubishi/Sterling	2005-2009/ 2007-2009	FE / Canter & 360 FA / FB / FC / FD	HDRHD9417	ME403812, ME409584, ME413765, ME415400
Motor Coach Ind (MCI)	N/A	D4500	HDRHD9286	3E0129830001, 1A0207850000, 6011427
Navistar/ International	1997-2005	2000, 2500, 2600, 5000i, 5600, 5600i, 5900, 5900i, 7300, 7700, 8200, 8300, 9100, 9200, 9300, 9400,9900 Series	HDRHD0933	1616363C91, 1693614C91, 1693644C91, 1693644C92, 1698743C91, 1698743C92
Navistar/ International	2003-2007	8600, 8600i, 9200, 9200i, 9400, 9400i, 9900ix Series	HDRHD1031	2508454C91, 2587176C91, 2588057C91, 2588058C91, 2508688C92, 2508694C91
Navistar/ International	2004-2009	5000, 5500, 5500i, 5600 ,5600i, 5900,5900i, Paystar Series	HDRHD1032	52080067, 2509095C92, 2509895C1, 2509895C2, 3E0100670000, 3E0113440000
Navistar/ International	2004-2010	Prostar, 8600, 9200i, 9400, 9900i, 9900ix	HDRHD1033	1S180129, 1S180130, 1S180131, 1S180132, 1S180196, 1S180197
Navistar/ International	2008-+	7400, 7500 Series	HDRHD1034	2591827C91, 3E113970000, 5A0707310000
Navistar/ International	1993-2003	5000, 5500, 5500i, 5600, 5600i, 5900, 5900i, 8000, 8100	HDRHD1045	1697145C91, 2020304C91, 2022218C91, 166413C93
Navistar/ International	1998-1999	9800 Series, Payloader	HDRHD1081	1699168C91, 3548758C92
Navistar/ International	2002-2007	3200, 4200, 4300, 4400 Series	HDRHD1136	2504903C91, 2504903C92, 2504903C93, 2505509C93, 25686048C92, 2585036C91
Navistar/ International	2002-2006	4200, 4300, 4400, 4700 Series	HDRHD1137	2504905C91, 2504905C92, 2504905C93, 2504907C91, 2509358C92, 3S010201
Navistar/ International	2004-2007	7300, 7400, 7600, 7700 Series	HDRHD1156	2586042C91, 2586039C91, 1S180074, 1S180083, 2507374C91, 2507375C91
Navistar/ International	2002-2007	7300, 7400, 7600, 7700 Series	HDRHD1157	2508431C91, 2585846C91, 2586038C91, 2586043C91, 2586043C92, 2586043C93
Navistar/ International	2005-2007	4000, 4300, 4400, 4700, 4800, 4900 Series	HDRHD1183	1S180071, 1S180126, 2586049C91, 2586049C92, 2586419C91, 3E016250000
Navistar/ International	2008-2010	Nav 9400, 7400 / 7500 Series	HDRHD1310	3E0113960000, 5A0707320000
Navistar/ International	2008-2010	4000 Series	HDRHD9113	1S180142, 1S180165, 2593294C91, 2593295C91, 2593295C92, 2593303C91
Navistar/ International	2008-2010	4000 Series	HDRHD9114	2593283C91
Navistar/ International	2010-2011	7300-7700 Series Workstar	HDRHD9129	3E0117600000
Navistar/ International	2002-2007	3800 / 4100 / 4400 Series	HDRHD9132	2586034C1, 3E0105860000, 5A0671810000, 3S51537, 2585042C91, 2506891C91
Navistar/ International	2012-2013	Durastar 4300	HDRHD9304	2602928C92, 3E0128230000, 2602926C92
Navistar/ International	2012-2013	Durastar 4300 / Workstar 7300	HDRHD9312	2601252C92, 3E0124880000, 2601808C92, 3S013474, 3S01248800000
Navistar/ International	2011-2012	Durastar 4400 / CE Bus	HDRHD9313	2593297C92, 3E0115200000



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Make	Year	Application	OSC Part #	Replaces OEM Part #
Navistar/ International	2008-2010	Workstar 7600/7700 (High Temp Radiator)	HDRHD9314	3E0117590000, 2596272C91
Navistar/ International	2011-2014	Durastar 4200, 4300, 4400, 7300	HDRHD9333	3E0124870000, 2601809C91, 260189C92, 3S0124870001,
Navistar/ International	2009-2011	Workstar 7600	HDRHD9428	3E0127120000, 2601333C91, 3S012712
Navistar/ International	2009-2011	FE Bus W/MaxxForce DT	HDRHD9440	2593778C91, 3S0115600000
Nissan Lift Truck	N/A	N/A	HDRHD9219	21450FC30A, 21450FC301
Nissan Lift Truck	N/A	N/A	HDRHD9341	21450FC00A, 21450FC01A
Nissan Lift Truck	N/A	N/A	HDRHD9356	21450FJ10A
Nissan Lift Truck	N/A	N/A	HDRHD9357	21450FK30A
Nissan Lift Truck	N/A	N/A	HDRHD9358	21450FC31A
Nissan Lift Truck	N/A	N/A	HDRHD9359	21450GJ30A
Nissan UD	2008-2010	1800 / 2000 / 2300 / 2600 / 3000 / 3300	HDRHD9469	2141030Z6B, 2420005631
Nissan UD	2008-2010	1800 / 2000 / 2300 / 2600 / 3000 / 3300	HDRHD9470	2141030Z6B, 2420005631
Nissan UD Truck	2005-2007	N/A	HDRHD9328	2141030Z0B, 2140030Z0B, 2140036Z74, 2420004260
Nissan UD Truck	2005-2007	N/A	HDRHD9328AL	2141030Z0B, 2140030Z0B, 2140036Z74, 2420004260
Nissan UD Truck	2005-2007	N/A	HDRHD9497	2141030Z0B, 2140030Z0B, 2140036Z74 , 2420004260
Nova Bus	N/A	Bus	HDRHD9291	N8896866
Nova Bus	2013	L750	HDRHD9377	N8899732, 3E12999
Nova Bus	2012-2013	RTS / Articulated Bus	HDRHD9404	1A20918, N6508201, 3E0131027000
Oshkosh	N/A	Oshkosh Motorhome	HDRHD9136	1003229, 1003244, 10033244, 103244, 103258, 103299
Peterbilt	2000-2003	330	HDRHD9204	070675A001, 0706875A001, 0706875A90, 0706876A001
Peterbilt	2000-2003	330	HDRHD9205	070675A001, 0706875A001, 0706875A90, 0706876A001
Peterbilt	2011-2012	382	HDRHD9255	1102310B, N3975001, N2273001
Peterbilt/Kenworth	2003-2008	330, 335, 340 Series	HDRHD1035	70809512221, 70809512222, 3E10673D, 3S10673, 3E0099930000, 3E0106730000
Peterbilt/Kenworth	2008-2010	330, 340, 345 Series, T300	HDRHD1036	BEHCH5408, BHTH5408, BHTN3994001, F3161221202010, F3161221202110
Peterbilt/Kenworth	2008-2011	386, 587EXHD Series, Kenworth T2000	HDRHD1063	F3160893105050, N08061001, N3800001, N8985001, F3160893104060
Peterbilt/Kenworth	2008-2011	386, 587EXHD Series, Kenworth T2000	HDRHD1064	1125640, 26070717214815, H5406, F316101, F3161011121340
Peterbilt/Kenworth	2008-2011	377, 378, 385, 387, 388, 389 Series	HDRHD1065	20070825064127, F316085, F3160851101310, F3160851112310, H5407, N9414001
Peterbilt/Kenworth	2008-2010	Peterbilt 384 / 386 Kenworth W900	HDRHD9137	F3160921101310, F3160921101320, BHTH4102, M3265001, N4028001
Spartan	N/A	Motorhome	HDRHD9117	818763, 818764, 1357FF1001
Spartan	N/A	Motorhome	HDRHD9118	1040029, 96082901, 0668FF1, 1003403, 1003404



PN: HDRHD9138



PN: HDRHD9210SF



PN: HDRHD1066



APPLICATION GUIDE

HD RADIATORS

Make	Year	Application	OSC Part #	Replaces OEM Part #
Spartan	N/A	Spartan Chassis Fire Truck	HDRHD9194	
TCM Lift Truck	N/A	N/A	HDRHD9362	FA18N660302
TCM Lift Truck	N/A	N/A	HDRHD9376	218N210102, 1910520000, FA18N210102
Thomas Bus	2007-2009	Thomas Bus / Rear Eng	HDRHD1184	1003671, 1003671A, 1003700, 1102431, 1003700A, 1003748
Thomas Bus/ Freightliner Bus	2007+	HDX	HDRHD1049	1003682BS, 1050190, 1050190BR, 1050190BS, 1102418AS, 6212539
Toyota	2002-2014	Lift Truck	HDRHD1286	16410U220071, 1640U220171
Toyota	2002+	7FDU151DZ, 7FGCU154Y, 7FDU181DZ	HDRHD1286SF	
Toyota	1999-2002	Toyota Lift Truck 7FGU254Y, 7FDU201DZ, 7FDU301DZ, 7FDU251DZ	HDRHD9138	16410U217071, 16410U217171
Toyota	1999-2002	Toyota Lift Truck 7FGU254Y, 7FDU201DZ, 7FDU301DZ, 7FDU251DZ	HDRHD9138SF	16410U217071, 16410U217171
Toyota	2001-2014	Lift Truck 7FDAU5013Z, 7FGU45GM6270	HDRHD9207	16410U333071
Toyota	2001-2014	Lift Truck 7FDAU5013Z, 7FGU45GM6270	HDRHD9207SF	16410U333071
Toyota	2001-2014	Lift Truck 7FDKU4013Z, 7FDU3513Z, 7FDU4513Z, 7FDU6013Z	HDRHD9208	16410U335071, 16410U336071
Toyota	2001-2014	Lift Truck 7FDKU4013Z, 7FDU3513Z, 7FDU4513Z, 7FDU6013Z	HDRHD9208SF	16410U335071, 16410U336071
Toyota	2001+	Toyota Lift Truck	HDRHD9210	16420U217071, 16420U223071
Toyota	2001+	Toyota Lift Truck	HDRHD9210SF	16420U217071, 16420U223071
Toyota	2002-2014	Lift Truck	HDRHD9213	16420U128171, 1640U128071A
Toyota	2002-2014	Lift Truck	HDRHD9213SF	16420U128171, 1640U128071A
Toyota Lift Truck	N/A	N/A	HDRHD9342	16420U223071, 16420U350071
Toyota Lift Truck	2002-Present	N/A	HDRHD9363	16420U125071
Toyota Lift Truck	N/A	N/A	HDRHD9364	16460U223071
Volvo	1996-2007	VN, VNL, VNM, CN, CNX Series	HDRHD0930	1003406, 1003424, 100357, 1003578AS, 1003604, 1003606
Volvo	2003-2007	VHD, VN, VNL, VNM, CN, CNX Series	HDRHD0931	6032701, 1003579, 1003579BS, 1003592A, 1003593, 1003593A
Volvo	N/A	CT Series 112" BBC	HDRHD1046	1010801, 1003499, 1003617, 1050029, 20408590, 21138659
Volvo	N/A	CTP Series 116 BBC	HDRHD1066	1003627, 3MF5555M2
Volvo	N/A	CT Series 112" BBC	HDRHD1067	1003616, 21137366, 3MF5580M2
Volvo	N/A	VHD Series	HDRHD1068	1003498, 20408582
Volvo	N/A	CTP Series 116" BBC	HDRHD1070	
Volvo	N/A	CT Series 112" BBC	HDRHD1071	1003610, 1003610C, 3MF5580M, 85112709
Volvo	N/A	VHD Series	HDRHD1073	5032801, 1003574, 1003574AS, 1003574AV, 103550AS, 103550AV
Volvo	2009-2010	VNL / VNM	HDRHD1108	1016491, 20956552, 20956564, 21146403, 21146404, 21298076
Volvo	N/A	CT Series 112" BBC	HDRHD1122	50417385, 1003551, 1003551AS, 1003551AV, 1003575, 1003575AS
Volvo	1994-2000	Aero	HDRHD1185	1003190, 1003352, 1003369FF1, 1040057



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HD RADIATORS



PN: HDRHD9267

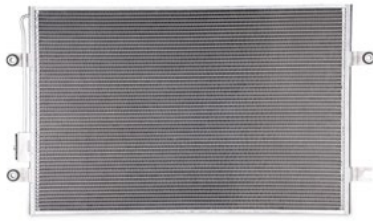


PN: HDRHD1280

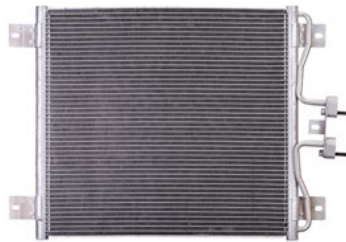


PN: HDRHD9383

Make	Year	Application	OSC Part #	Replaces OEM Part #
Volvo	2009-2012	VNL / VNM	HDRHD1187	20585504, 20585506, 376761691, G6387, G9647, G9662
Volvo	2007-2008	VT, VXL Daycab Series	HDRHD1189	20517559, 20517567, 376761681, G0440, G5713, G5719
Volvo	1997-2006	VNL / VNM	HDRHD9261	
Volvo	1997-2006	VNL / VNM	HDRHD9262	
Volvo	2009-2010	VNL / VNM	HDRHD9265	
Volvo	1997-2006	VNL / VNM	HDRHD9280	
Volvo	MAY 2016 +	VNL / VNM	HDRHD9423	22234461, 22508830, 22593864, 85148411, 85125539, 23017335
Volvo	MAY 2016 +	VNL / VNM	HDRHD9424	22234461, 23017335, 23199760
Volvo/Mack	MAY 2016 +	Volvo VHD / Mack CH, Granite	HDRHD9421	22234463, 85148412, 23017337
Volvo/Mack	MAY 2016 +	VHD / CH, Granite	HDRHD9422	22234463, 23017337
Volvo/Mack	2006- MAY2016	VHD / GU Granite	HDRHD9431	21000732, 21000733, 21095130, 85112702, 376761661, 2MF561M
Volvo/Mack	MAY 2016+	VHD / GU Granite	HDRHD9439	22234467, HA589001
Volvo/Mack	MAY 2016+	VHD / GU Granite	HDRHD9444	22234467, HA589001
Western Star	1998-2007	4900, 4900SA / EX, 4964 EX, 5964T Series	HDRHD1037	1806334, 1A15458G, 1A19185, 1A19233, 1A19377, 1A19381
Western Star	2010	4900EX	HDRHD1280	1A0208180003, 3E0127190003, A0529632003, 3A0573370003, 0529622-003
Western Star	2010	4900EX	HDRHD1311	A0528636008
Western Star	2010	4900fa, EX	HDRHD1312	05-26877-000, A0528645000
Western Star	2010	4900fa, EX	HDRHD1313	526875000, 1A19334, 3E0119410000, A0526864004
Western Star	2010+	4900SB	HDRHD1314	3E0131220000, 529622001
Western Star	2014	4700SB	HDRHD9178	3E0137600005, 3S5058079001, 526619005, 526619009, 527751001, 527751005
Western Star	2010+	4900SA	HDRHD9182	526875001, 3E0114910000
Western Star	2010+	W100 / 4900SB	HDRHD9183	529622002
Western Star	2010+	W100 / 4900SB	HDRHD9184	529622000
Western Star	2008-2010	4900EX W/ Cat 15L	HDRHD9311	3S0582030002, 3A0582030002, 3E0138660000, 526876000, 526876004
Western Star	2008+	4900EX W/ Cat 15L	HDRHD9321	526876006, 526876002
Western Star	2010+	4900SA	HDRHD9322	3S05870730003, 526875003, 3A0580730003, 3S80733
Western Star	2008-2011	4900EX W / Cat 15L	HDRHD9334	526876003, 526876007, 3A0582930003, 3S0582030003, 3S0138660001, 3S011727
Western Star	2010+	4900 Series	HDRHD9335	529306006, 3A0573380002, 3S058073000, 526875002, 3A0580730002, 3S0580730002
Western Star	2008+	4900 Series	HDRHD9336	526876001, 526876005
Western Star	2008+	4900 Series	HDRHD9381	
Western Star	2008-2010	4900EX W / Cat 15L	HDRHD9382	
Western Star	2008-2011	4900EX W / Cat 15L	HDRHD9383	
Western Star	2008+	4900EX W / Cat 15L	HDRHD9384	



PN: HD60000



PN: CAC7012



PN: HD40563



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HD CONDENSERS

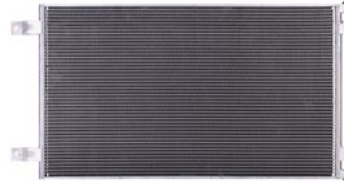
Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	Freightliner M2 06-08 / Century 02-08 / Columbia 02-13 / FL60 97-99 / FL70 95-97 / FLD112 03-04 / FLD120 97-02		HD40363	HDH010020, HDH010003, 9240557, 9240609, 1E6068, 1E5864
Freightliner	Freightliner 88-93		HD40603	2224885001, 2224885000, 40603, 1120603, 1140603, 1512004
Freightliner	Freightliner FLD112 / FLD120 / Classic XL Models FLD Series 91-02		HD40607	2232466001, 40607, 1140607, 19231, 19757S, 2450473
Freightliner	Freightliner Century 97-01 / FLC112 97-03 / Western Star 4900 97-00		HD40608	HDH010049, 9240608, 2242084002, 2430535, PT40608, 351318261
Freightliner	Freightliner Coronado 04-13		HD40703	1E5865, 1E6069, 7-9066, HDH010053, 1E6069, 9240703
Freightliner	Freightliner 114SD 2012 / Cascadia 09-12 / Columbia 10-11 / Coronado 2012 / M2 10-13		HD40731	2265663000, 2266824000, 2267125001, 7-9084
Freightliner	Freight M2 09-13 / Sterling Acterra 08-09		HD40986	7-9071, 2266827000, 2262390000, 2262221000, 2266842000, 2266828000
Freightliner	Freightliner 114 12-13 / Cascadia 08-16 / Century 09-11 / Classic 08-11 / Columbia 08-12 / Coronado 11-15 / FLD120 08-11 / M2 08-16 / Sport Classic 2011		HD60000	2262272000, 2265662000, 2266840000, 7-9070
Chevrolet	Chevrolet C4500 03-09 / C5500 03-09 / C6500 03-09 / C7500 03-09 / C8500 03-09 / GMC C4500 03-07 / C5500 03-07 / C6500 03-09 / C7500 03-09 / Isuzu HTR 05-08		HD40465	15112434, HDH010007, 7-9129
Chevrolet	Chevrolet W3500 07-08 / W4500 07-10 / W5500 07-09 / GMC W3500 07-08 / W4500 07-10 / W5500 07-09 / Isuzu NPR 07-16		HD40901	980518170, 8980518170, HDH010089, 7-9128
Chevrolet	Chevrolet T6500 04-09 / T7500 04-09 / GMC T6500 04-09 / T7500 04-09 / Isuzu FVR 03-09 / FXR 04-08		HD60005	97740142
Cummins	Cummins ISB 11-13		HD60007	2267959000
Ford	Ford F650 01-07 / F750 04-07 / International 2674 96- / 4900 91-00 / 5600 02- / 7000 07- / 7300 03-06 / 7400 02-07 / 7500 04-07 / 7600 03-04 / 7700 07- / 9100 03-		HD40541	2507482C91, HDH010010, PT40541P, 9240541, HDH010009, 7-9054
Ford	Ford LL/LLT Series - Long Conventional Cab Tilt-Nose 85-95 Models / Louisville Series 96-02 / Sterling AT / LT Series - Conventional Cab Truck And Tractor 96-06		HD42472	VAL1210364, VAB1210364, F6HZ19712A
Hino	Hino 145 4.7L 05-07 Diesel / 165 4.7L 05-07 Diesel / 185 4.7L 05-07 Diesel / 238 7.7L 05-07 Diesel / 258LP 7.7L 06-07 Diesel / 268 7.7L 05-07 Diesel / 308 7.7L 2007 Diesel / 338 7.7L 05-07 Diesel		HD60002	884102580A, S884102580,
Hino	Hino 238 7.7L 08-10 Diesel / 258ALP 7.7L 08-10 Diesel / 258LP 7.7L 08-10 Diesel / 268 7.7L 08-10 Diesel / 268A 7.7L 08-10 Diesel / 338 7.7L 08-10 Diesel / 338CT 7.7L 08-10 Diesel		HD60004	88460E120, 2433678,
International	International 2674 02- / 3700 90- / 5500 03-06 / 5600 03-06 / 5900 06-11 / 7000 07-10 / 7300 07-13 / 7400 07-13 / 7500 07-13 / 7600 07- / 7700 07- / 8000 07-10 / 8600 03-07 / 9000 07-10 / 9200 03-11 / 9400 91-07 / 9900 03-07 / Prostar 08-13 / Workstar 11-13		HD40563	2508698C92, 7-9053, 1E5114, 1E5940, HDH010022, PT40563P
International	International 5900 Series 06-07		HD40795	22509929-C2, 2585373-C2
International	International 3000 2008 / 3200 04-06 / 3800 1997 / 4000 07-09 / 4100 07-09 / 4200 03-07 / 4300 02-07 / 4400 02-07 / 4700 2002 / 4900 1997 / 7300 2006 / 8000 2007 / 8500 03-05 / 9900 2003		HD40829	2505650C92, 7-9055, 1E4897, 1E5058, 1E5633, HDH010088



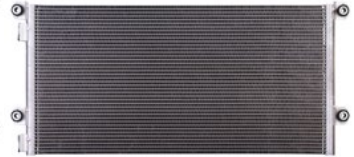
APPLICATION GUIDE



PN: HD41000



PN: HD60029



PN: HD41615

HD CONDENSERS

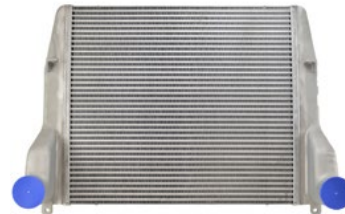
Make	Year	Application	OSC Part #	Replaces OEM Part #
International	Int. 5900i 08-11 / 7000 07-10 / 7300 11-13 / 7400 07-13 / 7500 07-13 / 7600 07- / 7700 07- / 8000 07-10 / 8600 07-10 / 9000i 07-10 / 9200i 07-11 / 9400i 04-07 / Lonestar 09-11 / Prostar 08-11 / Workstar 09-13		HD40945	7-9075, 2591621C91, 2591836C91, 2591836C92, 1E5993, PT40945P
International	International 3200 2011 / 4100 08-10 / 4300 11-13 / 4400 2011 / 8500 2011 / LC Corporation 11-13		HD60003	2593329C91, 8C4Z19712AA, HDH010631
International	International 4700 94-00 / 9100 98-03 / 9200 97-07 / 6400 97-03 / 9800 98- / 9900 99-03 / F5070 97-		HD60006	3504377C1, 2430474, HDH010087, PT40828, 7-9017, 350437701
International	International Prostar 10-14		HD60009	2604851C92, 1210434, 7-9109
Isuzu	Isuzu NPR 99-04/Nqr 99-04		HD60001	97261824, 7-9060, 2430523, 8972618242, HDH010005, PT40401P
Kenworth	Kenworth T170 08-13 / T270 08-13 / T300 2008 / T370 08-12 / T400 11-13 / T800 2010 / W900 2011 / Peterbilt 325 08-13 / 330 08-13 / 335 08-10 / 337 11-13 / 340 08-10 / 348 11-13 / 357 2008 / 365 08-13 / 367 08-13 / 382 11-13 / 384 2012 / 388 08-13 / 389 08-13		HD40715	R0440001, 7-9091, 9240715, HDH010054, PT40715P, R0440001
Kenworth	Kenworth T400 89-92 / T600a 89-91 / T800 89-93		HD41000	HDH010098, 9241000, K12293, PT41000S
Kenworth	Kenworth C500 2007 / K100E 87-90 / T2000 99-05 / T270 2009 / T300 96-05 / T400 94-96 / T600A 91-07 / T800 95-13 / W900 94-07		HD41009	HDH010104, 9246001, K122125, 2454028, PT41009, PT41009P
Kenworth	Kenworth T2000 97-07 / T800 2002		HD41014	7-9021, 4866845008, PT41014, HDH010109
Kenworth	Kenworth Model T680 And Peterbilt Model 579		HD60029	Z9206001, F3162001A01510C, F31610129316C0S, F3161012C016C0S, F3161012C336C0W, F3161012D016C0C
Mack	Mack RD Series 90-02 / CH Series 94-00 / CL Series 97 / CV Series 05 / DMM Series 94-98		HD40353	210RD418, 9241214, 7-9029
Mack	Mack CH 97-05		HD40542	210RD511M
Mack	Mack CV700 L6 12 02-07		HD40546	210RD427
Mack	Mack CX600 98-05 / MRU600 08-11		HD40966	210RD514M
Mack	Mack R600 81-89 / RD600 87-89		HD41202	210RD45A, PT41202
Mack	Mack CHU600 08-15 / CXU600 08-15 / GU4 GU400 12-15 / GU5 GU500 12-15 / GU7 GU700 08-15 / GU8 GU800 08-15 / TD700 TD700 10-15 / Volvo 9700 2012 / FE6 87-91 / VAH 11-15 / VHD 01-15 / VN 98-04 / VNL 02-16 / WI 96-98		HD41615	7-9040, 3092918, M522000, 8084347, 8084348, 20461065
Peterbilt	Peterbilt 330 04-05 / Kenworth T300 08-09		HD40739	3S010633, 3X010633,
Peterbilt	Peterbilt 379 04-09		HD40757	F316064, 1E5715, PT40757, 9240757, HDH010066
Peterbilt	Peterbilt 320 1989/330 2000/357 95-07 / 359 1984 / 377 95-00/378 02-07/379 94-07/385 95-07 / 387 00-02		HD41414	7-9032, 1804015, F316097, 1803809, 2450286, PT41414
Peterbilt	Peterbilt 330 97-04/357 04-07 / 378 04-07 / 379 1994/ 379 04-07 / 385 04-07 / 386 06-07 / 387 04-07		HD41417	F316043, 1E5611, PT41417, 9241417, HDH010140
Peterbilt	Kenworth T370 2009 / T400 2012 / T660 08-13 / W900 08-13 / Peterbilt 320 11-13		HD40732	N4783001, PT40732, HDH010057, 7-9094
UD Trucks	UD 1800 / 2300 04-99, UD 1800CS / HD / 2300LP / DH 10-05		HD60008	92101Z9110, 9210031Z64, 9210031Z63
Volvo	Volvo VN64T 98- / WAH64 96-01 / WCA64T 96-97 / WG42T 98- / WG64 96-00 / WIA64T 96-98 / Wx64 99-03 / WXR64 99-01		HD41611	8022509, HDH010150, 7-9036
Volvo	HD Volvo VN64T 1998		HD41614	8074693, 7-9039
Western	Western Star 05-07		HD60013	A18-4892JJ000



PN: CAC7012



PN: CAC7004



PN: CAC7158



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HD CHARGE AIR COOLERS

Make	Year	Application	OSC Part #	Replaces OEM Part #
Freightliner	1990-2005	Century / Columbia / FLD Series / 120	CAC7013	BHT68925, BHTB5434, BHTB8673, BHTD3521, BHTD3522, BHTD9582
Freightliner	1990-2005	FLD Series	CAC7013BP	4861900002, 4861900003, 4861900005, 4861905002, 4861905003, K09364
Freightliner	2004-2007	Columbia	CAC7014	FRT18132, FRT18132N, FRDAC3J, DURFRDAC3J, DHTFR3J, DHT3J
Freightliner	2004-2008	Columbia	CAC7014BP	518731, 518751, 1E3316, 1E5635, F316011
Freightliner	1997-2004	Century / Columbia	CAC7026	BHT59279, BHTA3562, BHTD3523, BHTD3525
Freightliner	2004-2008	Columbia	CAC7032	1030010, 1030020, 1030232
Freightliner	2004-2008	Coronado	CAC7053	01-23132-000, 01-23132-001, 01-23547-000
Freightliner	2008-2013	M2 112	CAC7171	441283, 44011728, 131242000,
International	1998-2002	3000 / 4000 Series	CAC7012	BHT75716, BHT75717, BHTB4971, BHTB4979, BHT3526, BHT9576
International	1994-2006	9000 Series	CAC7015	1E3509, 1E3835, 1E5104, 3E7795
International/ Bluebird	1990-2007	(90-04) 4700 / 4800 / 4900, (03-07) American-Front Engine	CAC7101	1030120, 3MD538, 3MD538A
Kenworth	1994-2004	W900 / T600 (up to 2007)	CAC7005	511206000, 521206000, 1E4781, 1E4873, 1E5491, 222273416
Kenworth	1994-2006	T600 / T800	CAC7006	4860900003, 4860900004, 4860900006, 4860900032, 4860905003, 4860905004
Kenworth	2008-2011	T660 / W900L	CAC7009	1030291, 1030291A, 1030298, 1030298B, 3MD545AM, 3MD545M
Kenworth/Peterbilt	1997-2003	T300-T400 / 330 Series	CAC7001	PET17715, PET17715N, PET17715R, BTC1084, BT1084, 1084
Mack	2005-2007	CX, CN, Vision	CAC7004	1030150, 1030150J, 1050005, 20370257, 8149362, 97031701
Mack	1995-2001	CH	CAC7007	123132000, 123132001, 123547000, 12120234, 1B3013, 1B3014
Mack	2000-2006	CV, Granite	CAC7025	1030091, 3MD532AM, 3MD532M, 3MD632AM
Peterbilt	1995-2007	(95-07) 357 / 378 / 379 / 385, (06-07) 386, (01-07) 387, (95-00) 377	CAC7158	4862300002, 85103373, K09377
Peterbilt	1995-2007	(95-00) 377, (95-07) 357 / 378 / 379 / 385, (01-07) 387, (06-07) 386	CAC7158BP	N4106001, N8798001, W7486001
Peterbilt	2008-2013	330	CAC7162	BHTD9582, BHTE6125
Volvo	1997-2005	VN	CAC7003	1E3903, 1E3903D, 1E3914, 1S3903, 22273409, 22273411
Volvo	1996-2003	VN	CAC7010	1SA00207R, 1SA00211R, BHT1AA00111, BHT1SA00110, BHT1SA00209, BHT68925
Volvo/Mack	2007-2013	VN / VNT CV / CXU Vision	CAC7008	1698844C1, 1E4151, 1E3594, 1E7137, 20055432C1, 1E3595
Western Star	2001-2007	4900 Series	CAC7002	1030154, 1030154H, 1030268, 1030283, 1040068, 1050007
Western Star	1994-2000	4800/4900 Series	CAC7036	20517561, 20956580, 21504560



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10510	HDRHD1138	48
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21401	HDRHD1086	48
60348	HDRHD1120	48
65509	HDRHD1120	48
97908	HDRHD1120	48
115577	HDRHD1120	48
732558	HDRHD1087	48
733477	HDRHD1120	48
734730	HDRHD1084	48
734731	HDRHD1085	48
734732	HDRHD1086	48
734867	HDRHD1084	48
734868	HDRHD1085	48
734869	HDRHD1084	48
818760	HDRHD1138	48
818762	HDRHD1087	48
1003247	HDRHD1138	48
1003376	HDRHD1084	48
1003401	HDRHD1087	48
1003402	HDRHD1085	48
1003476	HDRHD1086	48
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1040027	HDRHD1138	48
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1050106	HDRHD1120	48
1050228	HDRHD1120	48
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1102030	HDRHD1138	48
1102112	HDRHD1086	48
1102648	HDRHD9299	48
1675000	HDRHD1084	48
1768670	HDRHD1087	48
1768688	HDRHD1085	48
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1966324	HDRHD1086	48
2093001	HDRHD1138	48
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10007026	HDRHD1120	48
10007027	HDRHD1120	48
10007088	HDRHD1120	48
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96060301	HDRHD1084	48
97051201	HDRHD1084	48
97060901	HDRHD1087	48
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1040145	HDRHD1077	48
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1220403	HDRHD1075	48
1220404	HDRHD1075	48
1220405	HDRHD1077	48
1220406	HDRHD1279	48
1220407	HDRHD1279	48
1220445	HDRHD1077	48
9811020	HDRHD1163	48
9811101	HDRHD1279	48
10033260	HDRHD1130	48
11040050	HDRHD9112	48
11040143	HDRHD1163	48
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90461512	HDRHD9112	48
98051901	HDRHD1075	48
98091501	HDRHD1279	48
98101301	HDRHD1075	48
98111001	HDRHD1076	48
98120201	HDRHD1279	48
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F6HZ8005JA	HDRHD1279	48
F6HZ8005KA	HDRHD1279	48
F6HZ8005LA	HDRHD1279	48
F6HZ8005MA	HDRHD1075	48
F6HZ8005NA	HDRHD1075	48
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F6HZ8010GA	HDRHD1077	48
F7HT8009A	HDRHD1074	48
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F7HZ8005XA	HDRHD1163	48
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VAL1040118	HDRHD1163	48
VAL1040126	HDRHD1163	48
VAL1040142	HDRHD1075	48
VAL1040143	HDRHD1163	48
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123547000	CAC7013BP	65
131242000	CAC7171	65
131242002	CAC7171	65
531040006	CAC7171	65
531040007	CAC7171	65
531114002	CAC7171	65
531114003	CAC7171	65
4856120001	CAC7013BP	65
4856125001	CAC7013BP	65
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BHT75717	CAC7053	65
BHT9576	CAC7053	65
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BHTB4979	CAC7053	65
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BHTB8673	CAC7014BP	65
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BHTD3525	CAC7032	65
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BHTE3760	CAC7014BP	65
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3S013753001	CAC7171	65
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A0527743000	CAC7171	65
A0527743001	CAC7171	65
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A0527743003	CAC7171	65
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A0527745058	CAC7171	65
A0527745060	CAC7171	65
A0527745062	CAC7171	65
A0529627000	CAC7171	65
A0529627003	CAC7171	65
A0529627019	CAC7171	65
A0529629002	CAC7171	65
A0530033000	CAC7171	65
A0530033001	CAC7171	65
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A0530033004	CAC7171	65
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A0530357005	CAC7171	65
A0530357007	CAC7171	65
A0530602003	CAC7171	65
A0530676000	CAC7171	65
A0530676002	CAC7171	65
A0530676003	CAC7171	65
AA0530676001	CAC7171	65
BHT59279	CAC7032	65
BHT68925	CAC7014BP	65
BHT75716	CAC7053	65
BHTD3522	CAC7014BP	65
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BHTH0173	CAC7014BP	65
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FRDAC3J	CAC7171	65
FRT18132	CAC7171	65
FRT18132N	CAC7171	65
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MOD3E118500001	CAC7171	65
MOD3S0137530001	CAC7171	65
MOD3S0137531	CAC7171	65
MOD3S118501	CAC7171	65
MOD3S137531	CAC7171	65
S19954	CAC7171	65
SPI44011728	CAC7171	65
SRMFR3J	CAC7171	65
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6200	HD40607	63
19231	HD40607	63
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79009	HD40607	63
650603	HD40603	63
650607	HD40607	63
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2266842000	HD40986	63
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19757S	HD40607	63
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A22248850	HD40603	63
A2224885000	HD40603	63
A2224885001	HD40603	63
BB1957	HD40607	63
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PT40557P	HD40363	63
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PT40603P	HD40603	63
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74657	HDRHD1123	50
74657	HDRHD9168	51
74660	HDRHD1123	50
74660	HDRHD9168	51
74667	HDRHD1124	50
74671	HDRHD1170	50
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91665	HDRHD1127	50
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1003434	HDRHD1308	50
1003435	HDRHD1121	50
1003435	HDRHD9166	51
1003438	HDRHD1308	50
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1003439	HDRHD9166	51
1003451	HDRHD1282	50
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1003555	HDRHD1308	50
1003556	HDRHD1121	50
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1050207	HDRHD9256	52
1050293	HDRHD9256	52
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1102038	HDRHD9166	51
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1102253	HDRHD1308	50
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16909000	HDRHD1107	49
20011713	HDRHD1159	51
20021709	HDRHD1308	50
56622000	HDRHD1309	50
56622000	HDRHD9227	51
96102801	HDRHD1121	50
96102801	HDRHD9166	51
98051401	HDRHD1308	50
99032201	HDRHD1121	50
99032201	HDRHD9166	51
376753251	HDRHD1072	49
376753311	HDRHD1107	49
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376753361	HDRHD1040	49
376753471	HDRHD1105	49
376753561	HDRHD1159	50
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376761551	HDRHD1040	49
376761561	HDRHD1050	49
376761571	HDRHD1072	49
376761581	HDRHD1080	49
376761591	HDRHD0948	48
376761601	HDRHD1043	49
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516756000	HDRHD1106	50
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526617020	HDRHD1309	50
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526619004	HDRHD1059	49
526619010	HDRHD1060	49
526619012	HDRHD9177	51

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526619026	HDRHD9175	51
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527751006	HDRHD1060	49

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6805002203	HDRHD1114	49
6805002803	HDRHD1105	49
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1A0201190021	HDRHD9172	51
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1A0201230	HDRHD1060	49
1A0201230003	HDRHD1061	49
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1A0211070002	HDRHD9296	52
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1AH00068S	HDRHD1105	49
1AH00070S	HDRHD1307	50
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1AH00081	HDRHD1040	49
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1AH00110S	HDRHD1107	49
1AH00114S	HDRHD1164	50
1AH0074S	HDRHD1106	49
1SA00213	HDRHD1159	50
2A1100029	HDRHD1106	49
2AH00007	HDRHD1107	49
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2AH00061	HDRHD1106	50
2AH00067	HDRHD1105	49
2AH00068	HDRHD1105	49
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2AH00081	HDRHD1040	49
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2AH00088	HDRHD1105	49

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310041T	HDRHD1164	50
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310061T	HDRHD1106	49
310071T	HDRHD1114	49
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3A0573310006	HDRHD9175	51
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3A057960001	HDRHD9169	51
3A0579670001	HDRHD1319	50
3A0579670001	HDRHD9169	51
3A0580800001	HDRHD9294	52
3A0580800002	HDRHD9296	52
3A0581790003	HDRHD9292	52
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3AH00105SP	HDRHD1106	49
3AH001955	HDRHD1164	50
3AH00196S	HDRHD1105	49
3AH00196SP	HDRHD1105	49
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3AH00243SP	HDRHD1040	49
3AH00277	HDRHD1040	49
3AH00308SP	HDRHD1048	49
3AH00319SP	HDRHD1107	49
3AH00321SP	HDRHD1164	50
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3E0120460001	HDRHD9177	51
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3E0122800002	HDRHD9229	52
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A0519870011	HDRHD0949	48
A0519870013	HDRHD0949	48
A0519870014	HDRHD1050	49
A0519870016	HDRHD1050	49
A0519870017	HDRHD0949	48
A0519870019	HDRHD0949	48
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A0524937002	HDRHD1056	49
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A0525995001	HDRHD1139	50
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A0526606116	HDRHD1055	49
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A4738	HDRHD0948	48
A4739	HDRHD0948	48
A6724	HDRHD1040	49
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A6726	HDRHD1040	49
A6727	HDRHD1040	49
A6728	HDRHD1040	49
A9986	HDRHD0949	48
A9988	HDRHD0949	48
AH051606001	HDRHD1307	50
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B3872	HDRHD1139	50
B4742	HDRHD0948	48
B4761	HDRHD1080	49
B4763	HDRHD1080	49
B5323	HDRHD1043	49
B5325	HDRHD1043	49
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BHT1SA00279	HDRHD1107	49
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BHT2AH00110	HDRHD1107	49
BHT2AH00114	HDRHD1164	50
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BHT66111	HDRHD1129	50
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BHT75084	HDRHD1043	49
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BHT9847	HDRHD1072	49
BHT98476	HDRHD1072	49
BHT98478	HDRHD1072	49
BHTA3562	HDRHD1072	49
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BHTA4568	HDRHD1107	49
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BHTA4726	HDRHD0948	48
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BHTA6724	HDRHD1040	49
BHTA6725002	HDRHD1040	49
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BHTA6826	HDRHD1040	49
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BHTA9986	HDRHD0949	48
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BHTD0530	HDRHD1050	49
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BHTD2342	HDRHD1127	50
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BHTD4385	HDRHD1123	50
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BHTD4725	HDRHD1170	50
BHTD5292	HDRHD1159	50
BHTD5968	HDRHD1125	50
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BHTD9435	HDRHD1123	50
BHTD9435	HDRHD9168	51
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BHTD9454	HDRHD1126	50
BHTD9457	HDRHD1127	50
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BHTD9546	HDRHD0949	48
BHTD9547	HDRHD0949	48
BHTE0805	HDRHD1040	49
BHTE1582	HDRHD1116	50
BHTE2075	HDRHD1116	50
BHTE2076	HDRHD1116	50
BHTE2265	HDRHD1123	50
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BHTE3268	HDRHD9167	51
BHTE3758	HDRHD0948	48
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BHTE6362	HDRHD1170	50
BHTE7236	HDRHD0949	48
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BHTE7244	HDRHD1050	49
BHTE8247	HDRHD1128	50
BHTE8296	HDRHD1128	50
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BHTF2515	HDRHD1129	50
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BHTH9350	HDRHD1080	49
BHTH9353	HDRHD1080	49
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BHTP5948001	HDRHD9168	51
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BHTU3700001	HDRHD1072	49
BHTU393001	HDRHD1044	49
BHTU3932001	HDRHD1072	49
BHTU3933001	HDRHD1050	49
BHTV0225001	HDRHD0948	48
BHTV9208001	HDRHD9310	52
BHTV9208002	HDRHD9310	52
BT8185	HDRHD1126	50
C1673	HDRHD1114	49
C1680	HDRHD1114	49
C1688	HDRHD1114	49
C1724	HDRHD1114	49
C2237	HDRHD0948	48
C2238	HDRHD0948	48
C2252	HDRHD1114	49
C2307	HDRHD1080	49
C2308	HDRHD1080	49
C2315	HDRHD0949	48
C2478	HDRHD1139	50
C2481	HDRHD1114	49
C2483	HDRHD1114	49
C2484	HDRHD1139	50
C3160	HDRHD1139	50
C4482	HDRHD1127	50
C7609	HDRHD1080	49
C7610	HDRHD1080	49
C8987	HDRHD1043	49
C8989	HDRHD1043	49
CF661200	HDRHD1105	49
D0530	HDRHD1050	49
D0531	HDRHD1050	49
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D2342	HDRHD1127	50
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E4814	HDRHD0948	48
E6360	HDRHD1123	50
E6360	HDRHD9168	51
E6362	HDRHD1170	50
E7236	HDRHD0949	48
E7237	HDRHD0949	48
E7242	HDRHD1050	49
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E8296	HDRHD1128	50
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E8736	HDRHD1139	50
EXO1AH00199SP	HDRHD1114	49
EXO3AH00196S	HDRHD1105	49
EXO3AH00196SP	HDRHD1105	49
EXO3AH00197SP	HDRHD1307	50
EXO3AH00200SP	HDRHD1040	49
EXO3AH00221SP	HDRHD1107	49
EXO3AH00243SP	HDRHD1040	49
EXO3AH00249SP	HDRHD1107	49
EXO3AH00308SP	HDRHD1048	49
EXO3AH00319SP	HDRHD1107	49
EXO3AH00321SP	HDRHD1164	50
F1578	HDRHD1125	50
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F1582	HDRHD1116	50
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F2075	HDRHD1116	50
F2078	HDRHD1128	50
F2087	HDRHD1125	50
F2503	HDRHD1123	50
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GAFP117702	HDRHD9166	51
H0134	HDRHD1114	49
H0136	HDRHD1114	49
H5466	HDRHD0949	48
H9350	HDRHD1080	49
H9352	HDRHD1080	49
H9353	HDRHD1080	49
H9354	HDRHD1080	49
MOD3S0580820002	HDRHD1309	50
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P5948001	HDRHD1123	50
P5948001	HDRHD9168	51
SN20050814224835	HDRHD0948	48
SRM8044	HDRHD1072	49
TXE1003849	HDRHD9621	53
TXE1003850D	HDRHD9621	53
U3692001	HDRHD0949	48
U3698001	HDRHD0949	48
U3700001	HDRHD1072	49
U3701001	HDRHD1050	49
U3780001	HDRHD0949	48
U3932001	HDRHD1072	49
U3933001	HDRHD1050	49
V0225001	HDRHD0948	48
V9208001	HDRHD9310	52
V9208002	HDRHD9310	52
VAB1003434	HDRHD1308	50
VAB1003435	HDRHD1121	50
VAB1003435	HDRHD9166	51
VAB1003438	HDRHD1308	50
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VAB1003599	HDRHD1119	50
VAB1003666	HDRHD1119	50
VAB1003668	HDRHD1119	50
VAB1003669	HDRHD1119	50
VAB1003689	HDRHD1119	50
VAB1040028	HDRHD1121	50
VAB1040028	HDRHD9166	51
VAB1040078	HDRHD1282	50
VAB1050079	HDRHD1119	51
VAB1050131	HDRHD1119	51
VAB1050166	HDRHD1119	51
VAB1102036	HDRHD1308	50
VAB1102038	HDRHD1121	50
VAB1102038	HDRHD9166	51
VAB1102073	HDRHD1282	50
VAB1102189	HDRHD1119	55
VAB1102252	HDRHD1121	50
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VAB1102254	HDRHD1119	50
VAL1040160	HDRHD1308	50
Y1962001	HDRHD9310	52
Z0225001	HDRHD0948	48
FREIGHTLINER CHASSIS		
RADIATORS		
3E0128090000	HDRHD9318	53
3S0128090	HDRHD9318	53
3S0128090000	HDRHD9318	53
3S0584300000	HDRHD9318	53
A0529022000	HDRHD9318	53
A0529760000	HDRHD9318	53
FREIGHTLINER/AMERICAN LAFRANCE		
RADIATORS		
1A20141	HDRHD9306	53
A0526612004	HDRHD9306	53
FREIGHTLINER/STERLING		
RADIATORS		
91653	HDRHD1165	54
91661	HDRHD1165	54
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60555001	HDRHD9104	54
525092002	HDRHD1168	54
525092004	HDRHD9300	54
525194000	HDRHD9124	54
525194003	HDRHD9104	54
525194004	HDRHD9124	54
525194005	HDRHD9106	54
525194007	HDRHD9104	54
525340002	HDRHD9107	54
525340003	HDRHD9102	54
525340007	HDRHD9102	54
525340010	HDRHD9107	54
525340011	HDRHD9102	54
525340014	HDRHD9107	54
525340015	HDRHD9102	54
525424009	HDRHD9102	54
526619012	HDRHD1161	53
526619013	HDRHD1162	53
526619016	HDRHD1161	53
526619017	HDRHD1162	53
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527409007	HDRHD9302	54
527410006	HDRHD1169	54
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527751014	HDRHD1171	54
527751016	HDRHD1171	54
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3E0118650004	HDRHD1171	54
3E0120460001	HDRHD1161	55
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A0526614070	HDRHD1171	54
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BHTN4350001	HDRHD1168	54
BHTP4022001	HDRHD9102	54
BHTR6029001	HDRHD1168	54
BHTR6059001	HDRHD9104	54
BHTR6064001	HDRHD9105	54
BHTR6069100	HDRHD9102	54
BHTR6072001	HDRHD9107	54
BHTR6072100	HDRHD9107	54
BHTS2726001	HDRHD9102	54
BHTT3153001	HDRHD9102	54
BHTT3155001	HDRHD9107	54
BHTX5434001	HDRHD9104	54
BHTX5435001	HDRHD9102	54
D9444	HDRHD1165	54
E1688	HDRHD1165	54
EB906001	HDRHD1169	54
M1682001	HDRHD9123	54
M2562001	HDRHD9123	54
N3086001	HDRHD9123	54
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P4022001	HDRHD9102	54
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R6059001	HDRHD9104	54
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W48302001	HDRHD9102	54
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X5435001	HDRHD9102	54
Y0480001	HDRHD9300	54
Y1086001	HDRHD1169	54
FREIGHTLINER/THOMAS		
RADIATORS		
1003749AS	HDRHD9298	54
1040382AS	HDRHD9298	54
1102621AS	HDRHD9298	54
VAB1003749	HDRHD9298	54
VAB1050208	HDRHD9298	54
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FREIGHTLINER/WESTER STAR		
RADIATORS		
529619003	HDRHD9338	54
530989003	HDRHD9315	54
1A0208130003	HDRHD9338	54
1A0210530003	HDRHD9315	54
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3A0580790003	HDRHD9315	54
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20853	HDRHD9146	55
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20934	HDRHD9152	55
21383	HDRHD9111	54
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15170910	HDRHD9195	55
15258913	HDRHD9196	55
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15797458	HDRHD9161	55
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15797460	HDRHD9206	55
15921764	HDRHD9196	55
19130048	HDRHD9206	55
19130054	HDRHD9161	55
52451040	HDRHD9140	55
52452178	HDRHD9145	55
52452179	HDRHD9119	54
52453115	HDRHD9135	55
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52456571	HDRHD9145	55
52457248	HDRHD9140	55
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20882	HDRHD9293	55
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21581	HDRHD9273	55
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15013500	HDRHD1281	55
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15013568	HDRHD9160	55
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15170906	HDRHD1281	55
15258909	HDRHD9160	55
15258911	HDRHD9160	55
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15797463	HDRHD1174	55
19130053	HDRHD9160	55
19130054	HDRHD9273	55
52470226	HDRHD9293	55
52470229	HDRHD9293	55
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8972146690	HDRHD1176	56
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1E3595	CAC7015	65
1E3835	CAC7012	65
1E3837	CAC7015	65
1E4151	CAC7015	65
1E5104	CAC7012	65
1E7137	CAC7015	65
2005432C91	CAC7015	65
20055432C1	CAC7015	65
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1E3509	CAC7012	65
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3504377C1	HD60006	64
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HDH010087	HD60006	64
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2513238C1	HDRHD9317	57
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2594872C91	HDRHD9419	57
2596322C92	HDRHD9353	57
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INTERNATIONAL/BLUEBIRD		
CHARGE AIR COOLERS		
1030010	CAC7101	65
1030020	CAC7101	65
1030232	CAC7101	65
ISUZU		
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4860900003	CAC7006	65
4860900004	CAC7006	65
4860900006	CAC7006	65
4860900032	CAC7006	65
4860905003	CAC7006	65
4860905004	CAC7006	65
4860905006	CAC7006	65
4861900002	CAC7005	65
4861900003	CAC7005	65
4861900005	CAC7005	65
4861905002	CAC7005	65
4861905003	CAC7005	65
K09364	CAC7005	65
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1030120	CAC7025	65
1030291	CAC7004	65
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3MD532AM	CAC7007	65
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376761661	HDRHD1182	58
2MF559M	HDRHD1181	58
2MF561M	HDRHD1182	58
2MF567M	HDRHD1181	58
BHTR2625001	HDRHD1180	58
M5712	HDRHD1188	58
M5713	HDRHD1188	58
M5736100	HDRHD1181	58
M5821000	HDRHD1181	58
M5852	HDRHD1181	58
M5855	HDRHD1181	58
M5855100	HDRHD1181	58
N9778	HDRHD1188	58
R2625001	HDRHD1180	58
S5587	HDRHD1181	58
S5743	HDRHD1181	58
S5749	HDRHD1181	58
S899	HDRHD1188	58
S9064	HDRHD1188	58
S9066	HDRHD1188	58
Y8077	HDRHD1188	58
Y8080	HDRHD1181	58
MAGNUM		
RADIATORS		
507587	HDRHD9116	58
818766	HDRHD9116	58
818768	HDRHD9116	58
1003426	HDRHD9116	58
1003447	HDRHD9116	58
1040047	HDRHD9116	58
1101950	HDRHD9116	58
MCFA/MITSUBISHI/CAT		
RADIATORS		
91E0100010	HDRHD9211	58
91E0100010	HDRHD9211SF	58
MITSUBISHI		
RADIATORS		
10412468010	HDRHD9131	58
93E0100010	HDRHD9212	58
MC127002	HDRHD9131	58
ME92313	HDRHD9131	58
MITSUBISHI/FUSO		
RADIATORS		
MC433044	HDRHD9351	58
MC433497	HDRHD9351	58
MC443350	HDRHD9351	58
ME294378	HDRHD9351	58
ME294936	HDRHD9351	58
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MOTOR COACH IND (MCI)		
RADIATORS		
6011427	HDRHD9286	59
1A0207850000	HDRHD9286	59
3E0129830001	HDRHD9286	59
NAVISTAR/INTERNATIONAL		
RADIATORS		
52080067	HDRHD1032	59
5801201667	HDRHD1033	59
50341794601	HDRHD1033	59
58011201669	HDRHD1033	59
166413C93	HDRHD1045	59
1697145C91	HDRHD1045	59
1699168C91	HDRHD1081	59
1S180017	HDRHD1183	59
1S180051	HDRHD9132	59
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1S180071	HDRHD1183	59
1S180074	HDRHD1156	59
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1S180084	HDRHD1157	59
1S180125	HDRHD9132	59
1S180126	HDRHD1183	59
1S180129	HDRHD1033	59
1S180130	HDRHD1033	59
1S180131	HDRHD1033	59
1S180132	HDRHD1033	59
1S180142	HDRHD9113	59
1S180165	HDRHD9113	59
1S180196	HDRHD1033	59
1S180197	HDRHD1033	59
2020304C91	HDRHD1045	59
2022218C91	HDRHD1045	59
2504903C91	HDRHD1136	59
2504903C92	HDRHD1136	59
2504905C91	HDRHD1137	59
2504905C92	HDRHD1137	59
2504905C93	HDRHD1137	59
2504907C91	HDRHD1137	59
2505509C93	HDRHD1136	59
2505699C91	HDRHD1031	59
2505699C92	HDRHD1031	59
2506891C91	HDRHD9132	59
2506891C92	HDRHD9132	59
2507374C91	HDRHD1156	59
2507375C91	HDRHD1156	59
2507448C1	HDRHD1157	59
2507457C1	HDRHD1156	59
2507742C92	HDRHD1157	59
2507767C92	HDRHD9132	59
2508431C91	HDRHD1157	59
2508454C91	HDRHD1031	59
2508454C92	HDRHD1031	59
2508688C92	HDRHD1031	59
2508694C91	HDRHD1031	59
2509095C92	HDRHD1032	59
2509358C92	HDRHD1137	59
2509895C1	HDRHD1032	59
2509895C2	HDRHD1032	59
25686048C92	HDRHD1136	59
258419C91	HDRHD1183	59
2585036C91	HDRHD1136	59
2585042C91	HDRHD9132	59
2585846C91	HDRHD1157	59
2585976C91	HDRHD1031	59
2585976C92	HDRHD1031	59
2586033C92	HDRHD9132	59
2586034C1	HDRHD9132	59
2586038C91	HDRHD1157	59
2586039C91	HDRHD1156	59
2586042C91	HDRHD1156	59
2586043C91	HDRHD1157	59
2586043C92	HDRHD1157	59
2586043C93	HDRHD1157	59
2586049C91	HDRHD1183	59
2586049C92	HDRHD1183	59
258604C91	HDRHD1157	59
2586072C91	HDRHD1157	59
2586073C91	HDRHD1156	59
2586074C91	HDRHD1157	59
2586330C91	HDRHD1157	59
2586330C92	HDRHD1157	59
2586419C91	HDRHD1183	59
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2587176C91	HDRHD1031	59
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2591552C91	HDRHD1033	59
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2596595C91	HDRHD1033	59
2601252C92	HDRHD9312	59
2601433C91	HDRHD1033	59
2601808C92	HDRHD9312	59
2601809C91	HDRHD9333	59
260189C92	HDRHD9333	59
2602926C92	HDRHD9304	59
2602928C92	HDRHD9304	59
3548758C92	HDRHD1081	59
3A50272D	HDRHD1156	59
3A50786D	HDRHD1156	59
3E009551000	HDRHD1137	59
3E0099670000	HDRHD1031	59
3E0100670000	HDRHD1032	59
3E010174000	HDRHD1031	59
3E0102000000	HDRHD1136	59
3E0105860000	HDRHD9132	59
3E0113440000	HDRHD1032	59
3E0113500000	HDRHD1033	59
3E0113960000	HDRHD1310	59
3E0115200000	HDRHD9313	59
3E0115430000	HDRHD1031	59
3E0117590000	HDRHD9314	60
3E0117600000	HDRHD9129	59
3E0124870000	HDRHD9333	60
3E0124880000	HDRHD9312	59
3E0128230000	HDRHD9304	59
3E016250000	HDRHD1183	59
3E019250000	HDRHD1183	59
3E113970000	HDRHD1034	59
3E115120000	HDRHD9113	59
3E12489	HDRHD9333	60
3S010201	HDRHD1137	59
3S0124870001	HDRHD9333	60
3S01248800000	HDRHD9312	59
3S012737	HDRHD1033	59
3S013474	HDRHD9312	59
3S10067	HDRHD1032	59
3S10463	HDRHD1156	59
3S10464	HDRHD1157	59
3S11350	HDRHD1033	59
3S11512	HDRHD9113	59
3S11544	HDRHD1157	59
3S50787	HDRHD1156	59
3S51537	HDRHD9132	59
4C4Z8005HA	HDRHD1137	59
4C4Z8005YA	HDRHD1136	59
5A0671810000	HDRHD9132	59
5A070573	HDRHD1033	59
5A0707310000	HDRHD1034	59
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NOVA BUS		
RADIATORS		
N8896866	HDRHD9291	60
OSHKOSH		
RADIATORS		
103244	HDRHD9136	60
103258	HDRHD9136	60
103299	HDRHD9136	60
1003229	HDRHD9136	60
1003244	HDRHD9136	60
1101859	HDRHD9136	60

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10033244	HDRHD9136	60
93102901	HDRHD9136	60
940033001	HDRHD9136	60
VAB1003229	HDRHD9136	60
VAB1101859	HDRHD9136	60
VAL1101859	HDRHD9136	60
PETERBILT		
CHARGE AIR COOLERS		
W7486001	CAC7158BP	65
1084	CAC7162	65
222239	CAC7162	65
441279	CAC7162	65
518731	CAC7158	65
518751	CAC7158	65
1E3316	CAC7158	65
1E5635	CAC7158	65
F316011	CAC7158	65
374120K	CAC7162	65
BT1084	CAC7162	65
BTC1084	CAC7162	65
CA2239	CAC7162	65
DHT20K	CAC7162	65
DHTPE20K	CAC7162	65
DURPEDAC20K	CAC7162	65
F3160851101310	CAC7162	65
F3160851101330	CAC7162	65
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F3160851102310	CAC7162	65
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F3160851104310	CAC7162	65
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N4101001	CAC7162	65
N8786001	CAC7162	65
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PET17715	CAC7162	65
PET17715N	CAC7162	65
PET17715R	CAC7162	65
SCSI222239	CAC7162	65
W6926001	CAC7162	65
W6932001	CAC7162	65
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CONDENSERS		
1803809	HD41414	64
1804015	HD41414	64
2450286	HD41414	64
7-9032	HD41414	64
9240757	HD40757	64
9241417	HD41417	64
1E5611	HD41417	64
1E5715	HD40757	64
3S010633	HD40739	64
3X010633	HD40739	64
F316043	HD41417	64
F316064	HD40757	64
F316097	HD41414	64
HDH010066	HD40757	64
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PT40757	HD40757	64
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7-9094	HD40732	64
HDH010057	HD40732	64
N4783001	HD40732	64
PT40732	HD40732	64
RADIATORS		
070675A001	HDRHD9205	60
0706875A001	HDRHD9205	60
0706875A90	HDRHD9205	60
0706876A001	HDRHD9205	60
1102310B	HDRHD9255	60
N2273001	HDRHD9255	60
N3975001	HDRHD9255	60
PETERBILT/KENWORTH		
RADIATORS		
1125640	HDRHD1064	60
70809512221	HDRHD1035	60
70809512222	HDRHD1035	60
3E009930000	HDRHD1035	60
3E0106730000	HDRHD1035	60
3E10673D	HDRHD1035	60
3S10673	HDRHD1035	60
5A0682490000	HDRHD1035	60
BEHCH5408	HDRHD1036	60
BHTH4102	HDRHD9137	60
BHTH5408	HDRHD1036	60
BHTN3994001	HDRHD1036	60
F3160491100100	HDRHD1035	60
F316085	HDRHD1065	60
F3160851101310	HDRHD1065	60
F3160851112310	HDRHD1065	60
F3160851112320	HDRHD1065	60
F3160851202320	HDRHD1065	60
F3160893104060	HDRHD1063	60
F3160893105050	HDRHD1063	60
F3160921101310	HDRHD9137	60
F3160921101320	HDRHD9137	60
F3160921102130	HDRHD9137	60
F316101	HDRHD1064	60
F3161011121340	HDRHD1064	60
F3161011131110	HDRHD1064	60
F3161011132110B	HDRHD1064	60
F3161011231330	HDRHD1064	60
F3161011231340	HDRHD1064	60
F3161011231350	HDRHD1064	60
F3161221202010	HDRHD1036	60
F3161221202110	HDRHD1036	60
F3161221222110	HDRHD1036	60
F3161222201030	HDRHD1036	60
H5406	HDRHD1064	60
H5407	HDRHD1065	60
H5408	HDRHD1036	60
M3265001	HDRHD9137	60
N08061001	HDRHD1063	60
N3800001	HDRHD1063	60
N3800003	HDRHD1063	60
N3944001	HDRHD1036	60
N3985001	HDRHD1064	60
N3994001	HDRHD1036	60
N4028001	HDRHD9137	60
N8985001	HDRHD1063	60
N9414001	HDRHD1065	60
SPARTAN		
RADIATORS		
818763	HDRHD9117	
818764	HDRHD9117	
1003403	HDRHD9118	
1003404	HDRHD9118	
1040029	HDRHD9118	
96082901	HDRHD9118	
0668FF1	HDRHD9118	
1357FF1001	HDRHD9117	

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RADIATORS		
1003671	HDRHD1184	61
1003700	HDRHD1184	61
1003748	HDRHD1184	61
1040251	HDRHD1184	61
1040279	HDRHD1184	61
1102431	HDRHD1184	61
20011721	HDRHD1184	61
1003671A	HDRHD1184	61
1003700A	HDRHD1184	61
1040251AR	HDRHD1184	61
1102431AS	HDRHD1184	61
VAB1003671	HDRHD1184	61
VAB1003671A	HDRHD1184	61
VAB1003700	HDRHD1184	61
VAB1003748	HDRHD1184	61
VAB1040251	HDRHD1184	61
VAB1040251AR	HDRHD1184	61
VAB1040279	HDRHD1184	61
VAB1102431	HDRHD1184	61
VAL1003671	HDRHD1184	61
VAL1003671A	HDRHD1184	61
VAL1003700	HDRHD1184	61
VAL1040251	HDRHD1184	61
VAL1040251AR	HDRHD1184	61
VAL1040279	HDRHD1184	61
VAL1102431	HDRHD1184	61
THOMAS BUS /FREIGHTLINER BUS		
RADIATORS		
1003682	HDRHD1049	61
1050190	HDRHD1049	61
6212539	HDRHD1049	61
1003682BS	HDRHD1049	61
1050190BR	HDRHD1049	61
1050190BS	HDRHD1049	61
1102418AS	HDRHD1049	61
TOYOTA		
RADIATORS		
1640U128071A	HDRHD9213	61
1640U128071A	HDRHD9213SF	61
1640U220171	HDRHD1286	61
16410U217071	HDRHD9138	61
16410U217071	HDRHD9138SF	61
16410U217171	HDRHD9138	61
16410U217171	HDRHD9138SF	61
16410U220071	HDRHD1286	61
16410U333071	HDRHD9207	61
16410U333071	HDRHD9207SF	61
16410U335071	HDRHD9208	61
16410U335071	HDRHD9208SF	61
16410U336071	HDRHD9208	61
16410U336071	HDRHD9208SF	61
16420U128171	HDRHD9213	61
16420U128171	HDRHD9213SF	61
16420U217071	HDRHD9210	61
16420U217071	HDRHD9210SF	61
16420U223071	HDRHD9210	61
16420U223071	HDRHD9210SF	61
UD TRUCKS		
CONDENSERS		
9210031263	HD60008	64
9210031264	HD60008	64
9210129110	HD60008	64
VOLVO		
CHARGE AIR COOLERS		
1030150	CAC7003	65
1030154	CAC7010	65
1030268	CAC7010	65
1030283	CAC7010	65
1040068	CAC7010	65
1050005	CAC7003	65
1050007	CAC7010	65
8149362	CAC7003	65

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20370257	CAC7003	65
20461061	CAC7010	65
20478517	CAC7010	65
97031701	CAC7003	65
97081101	CAC7003	65
1030150J	CAC7003	65
1030154H	CAC7010	65
VOLVO		
CONDENSERS		
7-9036	HD41611	64
7-9039	HD41614	64
8022509	HD41611	64
8074693	HD41614	64
HDH010150	HD41611	64
RADIATORS		
408580	HDRHD1046	61
732076	HDRHD1185	61
1002390	HDRHD1185	61
1003190	HDRHD1185	61
1003319	HDRHD1185	61
1003352	HDRHD1185	61
1003498	HDRHD1068	61
1003499	HDRHD1046	61
1003551	HDRHD1122	61
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1003575	HDRHD1122	61
1003579	HDRHD0931	61
1003593	HDRHD0931	61
1003596	HDRHD0931	61
1003601	HDRHD1122	61
1003603	HDRHD0931	61
1050094	HDRHD0931	61
1050097	HDRHD0931	61
1101871	HDRHD1185	61
1102246	HDRHD1073	61
1102248	HDRHD1122	61
1102365	HDRHD0931	61
3942583	HDRHD1185	61
4020201	HDRHD0931	61
5032801	HDRHD1073	61
5061301	HDRHD0931	61
6032701	HDRHD0931	61
8029741	HDRHD1185	61
8069778	HDRHD1185	61
8069779	HDRHD1185	61
8163149	HDRHD1185	61
8163150	HDRHD1185	61
8169779	HDRHD1185	61
8181243	HDRHD1185	61
20408582	HDRHD1068	61
20408590	HDRHD1046	61
20461075	HDRHD1073	61
20461077	HDRHD1122	61
20485886	HDRHD0931	61
20498128	HDRHD1073	61
20498130	HDRHD1122	61
20516414	HDRHD0931	61
20516418	HDRHD0931	61
20517559	HDRHD1189	62
20517567	HDRHD1189	62
20585504	HDRHD1187	62
20585506	HDRHD1187	62
20700605	HDRHD0931	61
20733349	HDRHD0931	61
20733351	HDRHD0931	61
20956552	HDRHD1108	61
20956564	HDRHD1108	61
20984815	HDRHD0931	61
20984819	HDRHD0931	61
21129347	HDRHD0931	61
21129519	HDRHD0931	61
21137366	HDRHD1067	61
21138645	HDRHD1122	61
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21146403	HDRHD1108	61
21146404	HDRHD1108	61
21298076	HDRHD1108	61
21504536	HDRHD1108	61
21504548	HDRHD1108	61
21593032	HDRHD1108	61
21593038	HDRHD1108	61
50417385	HDRHD1122	61
85101008	HDRHD1185	61
85111314	HDRHD1108	61
85112709	HDRHD1071	61
85125539	HDRHD1108	61
92092801	HDRHD1185	61
200012182	HDRHD1185	61
200013201	HDRHD1185	61
200013204	HDRHD1185	61
200013276	HDRHD1185	61
200013282	HDRHD1185	61
200013285	HDRHD1185	61
300013201	HDRHD1185	61
300013204	HDRHD1185	61
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376761681	HDRHD1189	62
376761691	HDRHD1187	62
20961002390	HDRHD1185	61
20961102061	HDRHD1185	61
1003369FF1	HDRHD1185	61
1003551AS	HDRHD1122	61
1003551AV	HDRHD1122	61
1003574AS	HDRHD1073	61
1003574AV	HDRHD1073	61
1003575AS	HDRHD1122	61
1003575AV	HDRHD1122	61
1003579BS	HDRHD0931	61
1003592A	HDRHD0931	61
1003593A	HDRHD0931	61
1003607B	HDRHD0931	61
1003607BS	HDRHD0931	61
1003610C	HDRHD1071	61
1003632A	HDRHD0931	61
1003632AS	HDRHD0931	61
103550AS	HDRHD1073	61
103550AV	HDRHD1073	61
1050012D	HDRHD0931	61
1050126AR	HDRHD1122	61
1102246B	HDRHD1073	61
1102365A	HDRHD0931	61
1102365AS	HDRHD0931	61
2MF520M	HDRHD0931	61
2MF521M	HDRHD0931	61
2MF525M2	HDRHD1122	61
2MF549M	HDRHD1108	61
3MF525M2	HDRHD1122	61
3MF5544M	HDRHD0931	61
3MF5544MA	HDRHD0931	61
3MF5546M	HDRHD0931	61
3MF5554M	HDRHD1122	61
3MF5555M2	HDRHD1066	61
3MF5559M	HDRHD0931	61
3MF5574M	HDRHD0931	61
3MF5574M2	HDRHD0931	61
3MF5580M	HDRHD1071	61
3MF5580M2	HDRHD1067	61
3MF5581M	HDRHD1122	61
3MF5587M	HDRHD0931	61
3MF5587M3	HDRHD0931	61
3MF5588M	HDRHD0931	61
5M16053	HDRHD0931	61
B208426	HDRHD1122	61
G0440	HDRHD1189	62
G5713	HDRHD1189	62
G5719	HDRHD1189	62

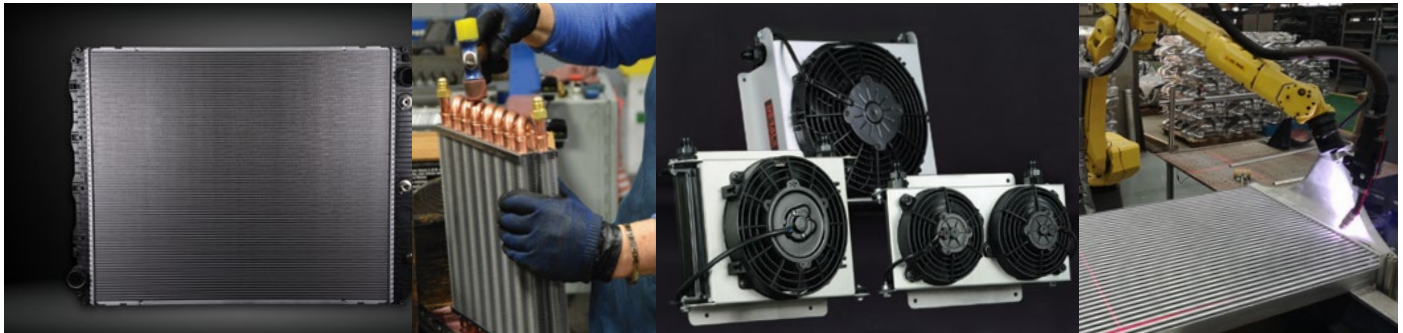
OEM PART NO.	USMW HD NO.	PAGE NO.
G6387	HDRHD1187	62
G9647	HDRHD1187	62
G9662	HDRHD1187	62
M5734	HDRHD1108	62
M5741	HDRHD1108	61
M5741003	HDRHD1108	61
M5745	HDRHD1108	61
M7537001	HDRHD1108	61
S051003607	HDRHD0931	61
T6949	HDRHD1108	61
VAL1003596	HDRHD0931	61
Y8078	HDRHD1108	61
VOLVO/MACK		
CHARGE AIR COOLERS		
20517561	CAC7008	65
20956580	CAC7008	65
21504560	CAC7008	65
WESTERN STAR		
CHARGE AIR COOLERS		
22273409	CAC7036	65
22273411	CAC7036	65
22273409	CAC7036	65
22273411	CAC7036	65
22273416	CAC7002	65
511206000	CAC7002	65
521206000	CAC7002	65
1E3903D	CAC7036	65
1E3914	CAC7036	65
1E4781	CAC7002	65
1E4873	CAC7002	65
1E5491	CAC7002	65
1S3903	CAC7036	65
N43061	CAC7002	65
1E3903	CAC7036	65
CONDENSERS		
A18-4892JJ000	HD60013	64
RADIATORS		
1806334	HDRHD1037	62
200013529	HDRHD1037	62
200013531	HDRHD1037	62
526619005	HDRHD9178	62
526619009	HDRHD9178	62
526875000	HDRHD1313	62
526875001	HDRHD9182	62
526875002	HDRHD9335	62
526875003	HDRHD9322	62
526876000	HDRHD9311	62
526876001	HDRHD9336	62
526876002	HDRHD9321	62
526876003	HDRHD9334	62
526876004	HDRHD9311	62
526876005	HDRHD9336	62
526876006	HDRHD9321	62
526876007	HDRHD9334	62
526877000	HDRHD1312	62
527751001	HDRHD9178	62
527751005	HDRHD9178	62
527751013	HDRHD9178	62
527751017	HDRHD9178	62
529306006	HDRHD9335	62
529619001	HDRHD9178	62
529619005	HDRHD9178	62
529619013	HDRHD9178	62
529619017	HDRHD9178	62
529622000	HDRHD9184	62
529622001	HDRHD1314	62
529622002	HDRHD9183	62
529622003	HDRHD1280	62
1A0208180003	HDRHD1280	62
1A15458G	HDRHD1037	62
1A19185	HDRHD1037	62
1A19233	HDRHD1037	62
1A19334	HDRHD1313	62
1A19377	HDRHD1037	62

OEM PART NO.	USMW HD NO.	PAGE NO.
1A19381	HDRHD1037	62
1A19384	HDRHD1037	62
1A19388	HDRHD1037	62
3A0573370003	HDRHD1280	62
3A0573380002	HDRHD9335	62
3A0580730002	HDRHD9335	62
3A0580730003	HDRHD9322	62
3A0582030002	HDRHD9311	62
3A0582930003	HDRHD9334	62
3A49913	HDRHD1037	62
3A49914	HDRHD1037	62
3E0114910000	HDRHD9182	62
3E0119410000	HDRHD1313	62
3E0127190003	HDRHD1280	62
3E0131220000	HDRHD1314	62
3E0137600005	HDRHD9178	62
3E0138660000	HDRHD9311	62
3E10787	HDRHD1037	62
3S011727	HDRHD9334	62
3S0138660001	HDRHD9334	62
3S058073000	HDRHD9335	62
3S0580730002	HDRHD9335	62
3S0582030002	HDRHD9311	62
3S0582030003	HDRHD9334	62
3S05870730003	HDRHD9322	62
3S10787	HDRHD1037	62
3S49913	HDRHD1037	62
3S49914	HDRHD1037	62
3S5058079001	HDRHD9178	62
3S50848	HDRHD1037	62
3S80733	HDRHD9322	62
A0521110000	HDRHD1037	62
A0521110016	HDRHD1037	62
A0521110017	HDRHD1037	62
A0521110021	HDRHD1037	62
A0522591000	HDRHD1037	62
A0522591001	HDRHD1037	62
A0522591004	HDRHD1037	62
A0522591005	HDRHD1037	62
A0522592004	HDRHD1037	62
A0522951000	HDRHD1037	62
A0522951004	HDRHD1037	62
A0525300005	HDRHD9178	62
A0525300009	HDRHD9178	62
A0525300021	HDRHD9178	62
A0525300025	HDRHD9178	62
A0525300029	HDRHD9178	62
A0526864004	HDRHD1313	62
A0528636008	HDRHD1311	62
A0528645000	HDRHD1312	62
A0529632003	HDRHD1280	62
MOD3A49913	HDRHD1037	62
MOD3A49914	HDRHD1037	62
MOD3A49914C	HDRHD1037	62
MOD3S0582030003	HDRHD9334	62
MOD3S10787	HDRHD1037	62
MOD3S49913	HDRHD1037	62
MOD3S49914	HDRHD1037	62
N/A		
RADIATORS		
1003629	HDRHD1069	N/A
21129530	HDRHD1069	N/A
2516107C91	HDRHD9631	N/A
2516108C91	HDRHD9631	N/A
3MF5590M	HDRHD1069	N/A



Product Development

With our 6 simple steps in new product development process, US Motor Works sits in the driver's seat when it comes to quick and precise product development. From product definition to design, production planning and preparations, prototype production and final production run, it's a mere 120 days or less. US Motor Work's OPEX mentality enables us to be on the leading edge of product development.



US Motor Works Headquarters, 100,000 sq. ft.

5 Facilities

US Motor Works operates out of four US Locations with both manufacturing and distribution that service customers all around the world. We also have a full service manufacturing and distribution facility in Monterrey Mexico, setup to not only service the Mexican markets, but South America, the Middle East and Europe as well.



OSC West Coast Distribution Center, 100,000 sq. ft.



Performance Division, 50,000 sq. ft.



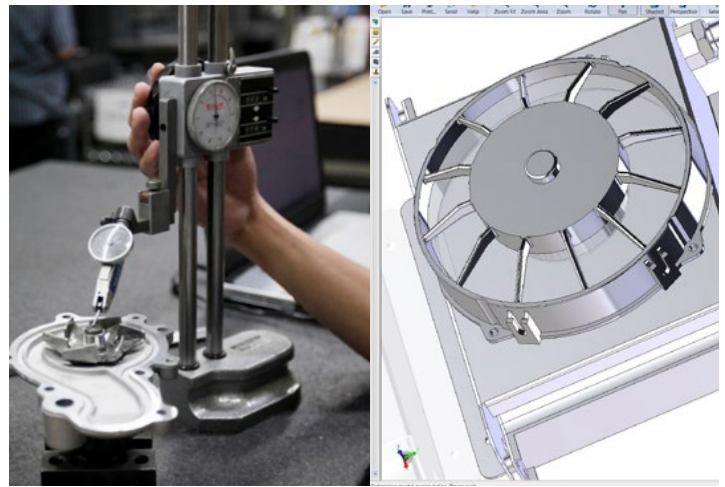
Mexico Manufacturing & Distribution, 135,000 sq. ft.



OSC East Coast Distribution Center, 100,000 sq. ft.

A.E.T.S. Advanced Engineering & Technical Support

US Motor Works has created an engineering and technical environment from the design process to the final production product. Starting with CAD/CAM 3-D projections, computerized testing, a complete manufacturing plan and ending with a reliable distribution network. US Motor Works is able to track and control all related design, quality processes and packaging with specifications and manufacturing excellence in mind.



Manufacturing

Our State-of-the-art manufacturing utilizes our four principles; Supply Chain (improved flow), Quality Management (robust quality assurance), Production (pull & flow and 5S) and Measurements by KPI's (Key performance indicators). With these manufacturing principles and our continuous improvement ideology under the OPEX umbrella, US Motor Works continues to be the front runner among the industry leaders.



In-House Marketing & Graphic Design

Our In-house marketing and graphic design department helps to ensure our branding is at the forefront of the automotive industry. Working closely with category managers allows us to create powerful advertisement campaigns, marketing sales tools and educational pieces.

Along with the printed media, our team also works on a digital platform via brand specific websites, videos and social media. Through social media we are able to connect with the end users and get genuine testimony of our products, thus making each brand recognizable and a name they can trust.



Packaging



CERTIFICATE OF REGISTRATION



**American Systems
REGISTRAR**

5281 Clyde Park Ave. SW, Suite 1
Wyoming, MI 49509 USA
www.asrworldwide.com
616-942-6273



American Systems Registrar, LLC, a provider of third-party system registration and accredited by the ANSI National Accreditation Board attests that:

US MOTOR WORKS, LLC

14722 ANSON AVENUE
SANTA FE SPRINGS, CA 90670

3901 MEDFORD AVENUE
LOS ANGELES, CA 90063

With a scope of:

DESIGN AND MANUFACTURE OF AUTOMOTIVE COMPONENTS FOR OEM AND AFTERMARKET PRODUCTS

has established a quality management system that is in conformance with the International Quality System Standard

ISO 9001:2015

ASR Certificate Number: 6569
Date of Certification: September 7, 2022
Date of Certification Expiration: September 6, 2025
Date of Initial Registration: October 18, 2010
Revision:
Re-Issue Date:

Richelle Kinzie
President

WARRANTY POLICY - US MOTOR WORKS, LLC

- USMW Professional Series brand of US Motor Works, LLC products are warranted to be free from defects in material and manufacture, under normal use and service.
- US Motor Works coverage will extend a full 12 months from the date of installation in an engine regardless of mileage or hours.
- US Motor Works will cover (replace free of charge or pay for) all labor and parts needed to repair the warrantable failure, including progressive damage to the engine concerned.

Conditions of the warranty are:

1. US Motor Works must be notified by the customer before filing a warranty claim.
2. All warranty claims must be in writing and US Motor Works reserves the right to examine every single engine or part subject to a claim under this warranty
3. Price of parts will be based on the US Motor Works current price list or other accepted suppliers at US Motor Work's option. Cost of labor will be of reasonable hourly flat rate (overtime or holiday rates are not accepted).

The warranty is also subject to the following limitations:

1. The provisions of this warranty shall not apply to any US Motor Works (USMW) brand part altered from its original specification (including but not limited to alterations in packaging and/or markings) or which has been misused, exposed to weather conditions, negligence or damage by accident.
2. The warranty shall be null and void, if the engine or vehicle is not maintained to the suggested OEM level. All receipts and records should be accounted for in the event it is requested for the warranty analysis.
3. This warranty is provided solely to direct customers of the US Motor Works and not any other party. It is the only agreement or obligation of US Motor Works. All other warranties, expressed or implied, including the warranties of merchantability and/or fitness for a particular purpose, are excluded.



Trusted by professionals around the world

US Motor Works, LLC and its employees are committed to providing an extensive line of consistent high quality products and the finest customer service and satisfaction.

1995 97

- US Motor Works Established in Commerce, Ca.
- Scaled up Manufacturing of Water Pumps to 30,000/Month

99

- Moved to a 30,000 sq. ft. facility in Cerritos, Ca.
- Purchased Fan Clutch Division

05

- Entered Joint Venture with Chinese Casting Manufacturer

06

- 40% Annual growth
- Expanded Facility to 50,000 sq. ft.

07

- Production reached 1,000,000 Water Pumps per year
- Opened Engineering Facility in China

08

- Development & Distribution of Electric Fuel Pumps

09

- Moved to a 80,000 sq. ft. facility in Santa Fe Springs, Ca.

10

- Became ISO 9001:2008 Certified

11

- Timing Kits w/ Water Pumps added to the product line
- Approved Vendor by APA & Viper HD

12

- Launched HD product lines
- Approved Vendor by ADN Silver
- Expanded the facility to 100,000 sq. ft.

13

- Approved Vendor by Alliance & ADN Gold

14

- Expanded HD offering into Oil Pumps & Mechanical Transfer Pumps

15

- Celebrated 20th Anniversary
- First Automotive aftermarket company certified as ISO 9001:2015
- AASA top 100 Automotive Aftermarket suppliers

16

- Purchased Pacer Performance, est.1965
- Derale Performance, est.1975
- Introduced Max Cooling Kits
- USMW Professional Series undergoes re-branding
- Expanded Facility adding 50,000 sq. ft of Manufacturing & Warehouse

17

- Campaign launch for USMW HD
- Operating out of two facilities in CA (Los Angeles & Santa Fe Springs)
- More than 150,000 SQ FT of Manufacturing and Distribution

18

- Performance Division certified as ISO 9001:2015
- Introduction of mechanical fuel pumps to the line
- Auto Care Association recognizes Max Cooling Kit as an official part type (56846) water pump with fan clutch

19

- Opened US Motor Works S. de R.L. de C.V. in Santa Caterina N.L. Mexico, 50,000 SQ. FT.

20

- Opened US Motor Works Manufacturing & Distribution Facility in Santa Caterina N.L. Mexico, 85,000 SQ. FT.

21

- Purchased OSC Automotive, est. 2001, adding 200,000 SQ. FT. of Warehouse

2022

- Fuel Pump Division moved to a new Facility in La Mirada, CA, 50,000 SQ. FT.



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POWERED BY

Trusted by Professionals Around the World

