



Parts Catalog

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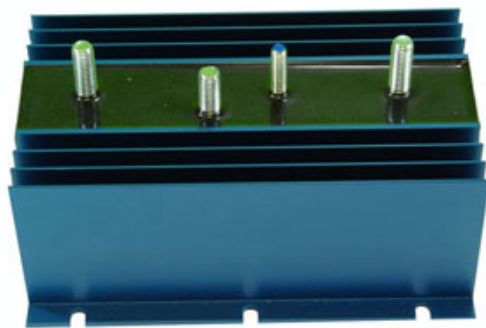
Alternators



513140 - Alternator, 160 Amp, 12V



513141 - Alternator, 185 Amp, 12V, Low Cut-In



513143-130 - Power Isolator, Add-On, 12V, 1 Input, 2 Battery Output, 130Amp per leg



513144 - Alternator, 150 Amp, 24V, 14V Excitation



513146 - Alternator, 130 Amp, 12V Leece Neville



513148 - Alternator, 160 Amp, 12V



513160 - Alternator, 270 Amp, 12V, Internally regulated



513161 - Alternator, 200 Amp, 12V, w/ Regulator, Ford 6.8L



513162 - Alternator, 200 Amp, 12V w/Regulator, Ford 5.4L, Penntex

Belts



- 715AP79** - Belt, 2V, Banded, 81" OEL
- 715ARB73-2** - Belt, 2V, Banded, 77" OEL
- 715RBP68-2** - Belt, 2V, Banded, 72" OEL
- 715RBP71-2** - Belt, 2V, Banded, 75" OEL
- 715RBP72-2** - Belt, 2V, Banded, 76" OEL
- 715RBP74-2** - Belt, 2V, Banded, 78" OEL
- 715RBP82-2** - Belt, 2V, Banded, 86" OEL
- 715RBP85-2** - Belt, 2V, Banded, 85" OEL
- 715RBP90-2** - Belt, 2V, Banded, 94" OEL
- 715TARBP77-2** - Belt, 2V, Banded, 81" OEL
- 715TARBP78-2** - Belt, 2V, Banded, 82" OEL
- 715TARBP79-2** - Belt, 2V, Banded, 83" OEL
- 715TARBP83-2** - Belt, 2V, Banded, 87" OEL
- 715TARBP85-2** - Belt, 2V, Banded, 89" OEL
- 715TARBP87-2** - Belt, 2V, Banded, 91" OEL



7154060760	- Belt, 6 Groove, 76.0" OEL
7154061265	- Belt, 6 Groove, 126.5" OEL
7154061360	- Belt, 6 Groove, 136.0" OEL
7155060390	- Belt, 6K Groove, 39.0" OEL
7155060400	- Belt, 6K Groove, 40.0" OEL
7155060405	- Belt, 6K Groove, 40.6" OEL
7155060415	- Belt, 6K Groove, 41.5" OEL
7155060445	- Belt, 6K Groove, 44.5" OEL
7155060470	- Belt, 6K Groove, 47.5" OEL
7155060515	- Belt, 6K Groove, 51.5" OEL
7155060520	- Belt, 6K Groove, 52.0" OEL
7155060525	- Belt, 6K Groove, 52.2" OEL
7155060610	- Belt, 6K Groove, 61.0" OEL
7155060615	- Belt, 6K Groove, 61.5" OEL
7155060630	- Belt, 6K Groove, 63.0" OEL
7155060635	- Belt, 6K Groove, 63.5" OEL
7155060640	- Belt, 6K Groove, 64.0" OEL
7155060650	- Belt, 6K Groove, 65.0" OEL
7155060665	- Belt, 6K Groove, 66.5" OEL
7155060680	- Belt, 6K Groove, 68.0" OEL
7155060685	- Belt, 6K Groove, 68.5" OEL
7155060705	- Belt, 6K Groove, 70.5" OEL
7155060740	- Belt, 6K Groove, 74.0" OEL
7155060745	- Belt, 6K Groove, 74.5" OEL
7155060750	- Belt, 6K Groove, 75.0" OEL
7155060755	- Belt, 6K Groove, 75.5" OEL
7155060760	- Belt, 6K Groove, 76.0" OEL
7155060765	- Belt, 6 Groove, 76.5" OEL
7155060770	- Belt, 6K Groove, 77.0" OEL
7155060780	- Belt, 6K Groove, 78.0" OEL
7155060800	- Belt, 6K Groove, 80.0" OEL
7155060810	- Belt, 6 Groove, 81.0" OEL
7155060820	- Belt, 6K Groove, 82.0" OEL
7155060825	- Belt, 6K Groove, 82.5" OEL
7155060830	- Belt, 6K Groove, 83.0" OEL
7155060835	- Belt, 6K Groove, 83.5" OEL
7155060845	- Belt, 6K Groove, 84.5" OEL
7155060855	- Belt, 6K Groove, 85.5" OEL
7155060863	- Belt, 6K Groove, 86.3" OEL
7155060865	- Belt, 6K Groove, 86.5" OEL
7155060870	- Belt, 6K Groove, 87.0" OEL

7155060875	- Belt, 6K Groove, 87.6" OEL
7155060910	- Belt, 6K Groove, 91.0" OEL
7155060935	- Belt, 6K Groove, 93.5" OEL
7155060940	- Belt, 6K Groove, 94.0" OEL
7155060975	- Belt, 6 Groove, 97.5" OEL
7155060985	- Belt, 6 Groove, 98.5" OEL
7155061055	- Belt, 6K Groove, 105.5" OEL
7155061123	- Belt, 6K Groove, 112.3" OEL
7155061280	- Belt, 6K Groove, 128.0" OEL
7155061360	- Belt, 6K Groove, 136.0" OEL
7155061380	- Belt, 6K Groove, 138.0" OEL
7155070730	- Belt, 7K Groove, 73.0" OEL
7155080590	- Belt, 8K Groove, 59.0" OEL
7155080653	- Belt, 6K Groove, 65.9" OEL
7155080670	- Belt, 8K Groove, 67.0" OEL
7155080790	- Belt, 8K Groove, 79.0" OEL
7155080875	- Belt, 8K Groove, 87.5" OEL
7155080895	- Belt, 8K Groove, 89.6" OEL
7155080900	- Belt, 8K Groove, 90.0" OEL
7155080920	- Belt, 8K Groove, 92.0" OEL
7155080952	- Belt, 8K Groove, 95.75" OEL
7155080953	- Belt, 8K Groove, 96.8" OEL
7155081005	- Belt, 8K Groove, 100.5" OEL
7155081070	- Belt, 8K Groove, 107.0" OEL
7155081125	- Belt, 8K Groove, 112.5" OEL
7155081190	- Belt, 8K Groove, 117.9" OEL
7155081223	- Belt, 8 Groove, 122.3" OEL
7155081223	- Belt, 8K Groove, 122.3" OEL
7155081260	- Belt, 8K Groove, 126.0" OEL
7155100875	- Belt, 10K Groove, 87.5" OEL
7155100880	- Belt, 10K Groove, 88.0" OEL
7155101015	- Belt, 10K Groove, 101.5" OEL
7155101025	- Belt, 10K Groove, 102.5" OEL
7155101035	- Belt, 10K Groove, 103.5" OEL
7155101058	- Belt, 10K Groove, 105.8" OEL
715GY4060705	- Belt, 6K Groove, 70.5" OEL
715GY4060710	- Belt, 6K Groove, 71.0" OEL
715GY4060735	- Belt, 6K Groove, 73.5" OEL
715GY4060960	- Belt, 6K Groove, 96.0" OEL
715GY4061000	- Belt, 6K Groove, 100.0" OEL
715GY4061020	- Belt, 6K Groove, 102.0" OEL
715K060390	- Belt, 6K Groove, 39.0" OEL

715K060578	- Belt, 6K Groove, 57.8" OEL
715K060850	- Belt, 6K Groove, 85.0" OEL
715K060860	- Belt, 6K Groove, 86.0" OEL
715K060886	- Belt, 6K Groove, 88.6" OEL
715K060905	- Belt, 6K Groove, 90.5" OEL
715K060908	- Belt, 6K Groove, 90.8" OEL
715K060915	- Belt, 6K Groove, 91.5" OEL
715K060923	- Belt, 6K Groove, 92.3" OEL
715K060930	- Belt, 6K Groove, 93.0" OEL
715K061120	- Belt, 6K Groove, 112.5" OEL
715K061130	- Belt, 6K Groove, 113.0" OEL
715K061223	- Belt, 6K Groove, 122.3" OEL
715K061265	- Belt, 6K Groove, 126.5" OEL
715K061490	- Belt, 6K Groove, 149.0" OEL
715K070885	- Belt, 7K Groove, 88.6" OEL
715K070895	- Belt, 7K Groove, 89.6" OEL
715K080725	- Belt, 8K Groove, 72.4" OEL
715K080774	- Belt, 8K Groove, 77.4" OEL
715K080830	- Belt, 8K Groove, 83.0" OEL
715K080840	- Belt, 8K Groove, 84.1" OEL
715K080855	- Belt, 8K Groove, 85.5" OEL
715K080944	- Belt, 8K Groove, 94.4" OEL
715K080968	- Belt, 8K Groove, 97.2" OEL
715K080970	- Belt, 8K Groove, 96.8" OEL
715K080980	- Belt, 8K Groove, 98.0" OEL
715K080991	- Belt, 8K Groove, 99.3" OEL
715K081020	- Belt, 8K Groove, 102.0" OEL
715K081035	- Belt, 8K Groove, 103.6" OEL
715K081055	- Belt, 8K Groove, 105.4" OEL
715K081080	- Belt, 8K Groove, 108.0" OEL
715K081102	- Belt, 8K Groove, 109.8" OEL
715K081135	- Belt, 8K Groove, 113.5" OEL
715K081145	- Belt, 8K Groove, 115.0" OEL
715K081153	- Belt, 8K Groove, 115.9" OEL
715K081177	- Belt, 8K Groove, 117.9" OEL
715K081254	- Belt, 8K Groove, 125.4" OEL
715K081292	- Belt, 8K Groove, 129.2" OEL
715K081300	- Belt, 8K Groove, 130.0" OEL
715K081331	- Belt, 8K Groove, 132.8" OEL
715TA1200K6	- Belt, 6K Groove, 120.0" OEL
715TA1210K6	- Belt, 6K Groove, 121.0" OEL
715TA1210K8	- Belt, 8K Groove, 121.0" OEL

715TA5071247	- Belt, 7K Groove, 124.7" OEL
715TA5081000	- Belt, 8K Groove, 100.0" OEL
715TA835K7	- Belt, 7K Groove, 83.5" OEL
715TAK060695	- Belt, 6K Groove, 69.5" OEL
715TAK060725	- Belt, 6K Groove, 73 1/8" OEL
715TAK061010	- Belt, 6K Groove, 101.0" OEL
715TAK061110	- Belt, 6K Groove, 111.0" OEL
715TAK061140	- Belt, 6K Groove, 114.6" OEL
715TAK061150	- Belt, 6K Groove, 115.0" OEL
715TAK080810	- Belt, 8K Groove, 81.0" OEL
715TAK081045	- Belt, 8K Groove, 104.5" OEL
715TAK081221	- Belt, 8K Groove, 122.1" OEL
715TAK4060882	- Belt, 6K Groove, 88.2" OEL
715TAK5080820	- Belt, 8K Groove, 82.0" OEL



71517530	- Belt, 15/32 x 53.5" OEL
71522570	- Belt, 22/32 Top width x 57.0" OEL
715AP79	- Belt, 1/2" x 81.3" OEL
715AP80	- Belt, 1/2 x 82.3" OEL Non Cogged
715AP82	- Belt, 1/2" x 84.2" OEL Non Cogged
715AX88	- Belt, 1/2" x 90.3" OEL
715DA15630GL	- Belt, 15/32 x 63.0" OEL
715GABX81	- Belt, 5/8 x 84.0" OEL Cogged
715GY15356	- Belt, 15/32 x 35.6" OEL
715GY15572	- Belt, 15/32 x 57.2" OEL
715GY15585	- Belt, 15/32 x 58.5" OEL
715GY15701	- Belt, 15/32 x 70.1" OEL
715GY17335	- Belt, 17/32 x 33.5" OEL
715GY17341	- Belt, 17/32 x 34.1" OEL
715GY17351	- Belt, 17/32 x 35.1" OEL
715GY17365	- Belt, 17/32 x 36.5" OEL
715GY17371	- Belt, 17/32 x 37.1" OEL
715GY17380	- Belt, 17/32 x 38.0" OEL
715GY17395	- Belt, 17/32 x 39.5" OEL
715GY17403	- Belt, 17/32 x 40.3" OEL
715GY17411	- Belt, 17/32 x 41.1" OEL
715GY17425	- Belt, 17/32 x 42.5" OEL
715GY17446	- Belt, 17/32 x 44.6" OEL
715GY17456	- Belt, 17/32 x 45.6" OEL
715GY17461	- Belt, 17/32 x 46.1" OEL
715GY17470	- Belt, 17/32 x 47.0" OEL
715GY17481	- Belt, 17/32 x 48.1" OEL
715GY17484	- Belt, 17/32 x 48.4" OEL
715GY17505	- Belt, 17/32 x 50.5" OEL
715GY17515	- Belt, 17/32 x 51.5" OEL
715GY17521	- Belt, 17/32 x 52.1" OEL
715GY17525	- Belt, 17/32 x 52.5" OEL
715GY17535	- Belt, 17/32 x 53.5" OEL
715GY17550	- Belt, 17/32 x 55.0" OEL
715GY17551	- Belt, 17/32 x 55.1" OEL
715GY17561	- Belt, 15/32 x 56.1" OEL
715GY17570	- Belt, 17/32 x 57.0" OEL
715GY17591	- Belt, 17/32 x 59.1" OEL
715GY17601	- Belt, 17/32 x 60.1" OEL
715GY17605	- Belt, 17/32 x 60.5" OEL
715GY17621	- Belt, 17/32 x 62.1" OEL

715GY17641	- Belt, 17/32 x 64.1" OEL
715GY17651	- Belt, 17/32 x 65.1" OEL
715GY17655	- Belt, 17/32 x 65.5" OEL
715GY17661	- Belt, 17/32 x 66.1" OEL
715GY17671	- Belt, 17/32 x 67.1" OEL
715GY17691	- Belt, 17/32 x 69.1" OEL
715GY17701	- Belt, 17/32 x 70.1" OEL
715GY17741	- Belt, 17/32 x 74.1" OEL
715GY17751	- Belt, 17/32 x 75.1" OEL
715GY17815	- Belt, 17/32 x 81.5" OEL
715GY22850	- Belt, 22/32 x 85.0" OEL
715GYBX80	- Belt, 5/8 x 83.0" OEL Tripower
715TA15310	- Belt, 15/32 x 31.0" OEL
715TA15415	- Belt, 15/32 x 41.5" OEL
715TA15450	- Belt, 15/32 x 45.0" OEL
715TA15475	- Belt, 15/32 x 47.5" OEL
715TA15580	- Belt, 15/32 x 58.0" OEL
715TA17375	- Belt, 17/32 x 37.5" OEL
715TA17385	- Belt, 17/32 x 38.5" OEL
715TA17401	- Belt, 17/32 x 40.1" OEL
715TA17420	- Belt, 17/32 x 42.0" OEL
715TA17425	- Belt, 17/32 x 42.5" OEL
715TA17430	- Belt, 15/32 x 43.0" OEL
715TA17435	- Belt, 15/32 x 43.5" OEL
715TA17440	- Belt, 17/32 x 44.0" OEL
715TA17443	- Belt, 17/32 x 44.3" OEL
715TA17450	- Belt, 17/32 x 45.0" OEL
715TA17453	- Belt, 17/32 x 45.1" OEL
715TA17455	- Belt, 17/32 x 45.5" OEL
715TA17463	- Belt, 17/32 x 46.3" OEL
715TA17475	- Belt, 17/32 x 47.5" OEL
715TA17500	- Belt, 17/32 x 50.0" OEL
715TA17555	- Belt, 17/32 x 55.5" OEL
715TA17575	- Belt, 17/32 x 57.5" OEL
715TA17615	- Belt, 17/32 x 61.5" OEL
715TA17630	- Belt, 17/32 x 63.0" OEL
715TA17635	- Belt, 17/32 x 63.5" OEL
715TA17710	- Belt, 17/32 x 71.0" OEL
715TA17725	- Belt, 17/32 x 72.5" OEL
715TA17730	- Belt, 17/32 x 73.0" OEL
715TA17755	- Belt, 17/32 x 75.5" OEL
715TA17765	- Belt, 17/32 x 76.5" OEL

715TA17770	- Belt, 17/32 x 77.0" OEL
715TA17775	- Belt, 17/32 x 77.5" OEL
715TA22605	- Belt, 11/16 x 60.5" OEL
715TA22631	- Belt, 22/32 x 63 1/8" OEL
715TAAX78	- Belt, 1/2 x 80.3" OEL
715TABX78	- Belt, 5/8 x 81.0" OEL
715TABX82	- Belt, 21/32 x 84.8" OEL

Bushings, Spacers & Shims



- 4012050** - Bushing, Idler, .406ID x .665 OD x .97 LG, Dual Bearing
 - 4012270** - Bushing, Idler, .328ID x .665 OD x .47 LG, Sgl Bearing, (711016 replaced by 711048)
 - 4012384** - Bushing, Idler, .453ID x .665 OD x .97 LG, Dual Bearing
 - 4012529** - Bushing, Idler, .406ID x .665 OD x .50 LG, Sgl Bearing
 - 401875** - Bushing, Idler, .50ID x .665 OD x .47 LG, Sgl Bearing
 - 714053** - Bushing, Idler, .375ID x .665 OD x .47 LG, Sgl Bearing
-



- 517068** - Bushing Dowel, 8MM x 13MM Long
-



- 614008** - Bushing, Shock, 1.25 OD x .63 ID x .75 Thk
-



- 614015** - Bushing, Shock, H-Mount
-



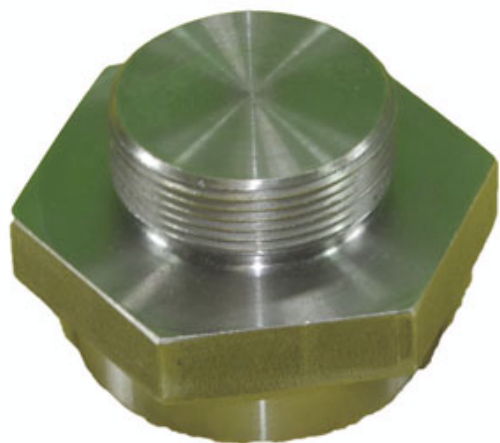
617083 - Shim, .075 Nominal, 1/2 ID x 7/8 OD

617084 - Shim, .020 Thick, .62 ID x 1.00 OD

617085 - Shim, .047 Thick, .75 ID x 1.12 OD



- 4011243** - Spacer Fan, 1.38" High (2.00 overall) 1.25-16, Left hand thread
- 4012565** - Spacer Fan, .88" High (1.54 overall) 1.25-16 I, Left hand thread



- 4011314** - Spacer Fan, 1" High (1.5 overall) 1.25-18, Right hand thread
- 4011928** - Spacer Fan, .790" High (1.29 overall) 1.25-18, Right hand thread



- 4011001-1** - Spacer, 2.00" OD x .531" ID x .56" Long
- 4011001-10** - Spacer, 2.00" OD x .531" ID x 1.00" Long
- 4011001-2** - Spacer, 2.00" OD x .531" ID x .94" Long
- 401110-1** - Spacer, .88" OD x .50" ID x 2.00" Long
- 401110-4** - Spacer, .88" OD x .50" ID x .630" Long
- 401110-8** - Spacer, .88" OD X .50" ID X 1.00" Long
- 401110-9** - Spacer, .88" OD x .50" ID x .250" Long
- 4011389** - Spacer, 1.75" OD x 1.312" ID x .060" Long
- 401147-10** - Spacer, .88" OD x .41" ID x 1.5" Long
- 401147-12** - Spacer, .088" OD x .44" ID x .380" Long
- 401147-15** - Spacer, .88" OD x .44" ID x 125" Long
- 401147-2** - Spacer, .88" OD x .44" ID x 1.250" Long
- 401147-21** - Spacer, .88" x .44" x .812" Long
- 401147-25** - Spacer, .88" x .44" x .560" Long
- 401147-26** - Spacer, .88" OD x .44" ID x 3.250" Long
- 401147-31** - Spacer, .88" OD x .44" ID x 1.312" Long

401147-4	- Spacer, .88" OD x .44" ID x .500" Long
401147-40	- Spacer, .88" OD x .44" ID x 3.17" Long
401147-46	- Spacer, .88" x .44" x .190" Long
401147-47	- Spacer, .88" x .44" x .0344" Long
401147-5	- Spacer, .88" x .44" x .620" Long
401147-6	- Spacer, .88" OD x .44" ID x 1.000" Long
401147-8	- Spacer, .88" x .44" x .250" Long
401148-1	- Spacer, .88" OD x .47" ID x 1.750" Long
401148-10	- Spacer, .88" OD x .43" ID x 1.380" Long
401148-3	- Spacer, .88" OD x .47" ID x 2.00" Long
401148-9	- Spacer, .875" OD x .47" ID x .375" Long
4011559	- Spacer, .75" OD x .44" ID x .75" Long
4011662	- Spacer, .88" OD x .50" ID x 1.375" Long
4011679	- Spacer, .75" OD x .421" ID x .344" Long
401181-11	- Spacer, .875" OD x .562" ID x .25" Long
401181-35	- Spacer, .875" OD x .562" ID x 2.88" Long
401181-8	- Spacer, .875" OD x .562" ID x .50" LG
4012004	- Spacer, .875" OD x .469" ID x .170" Long
4012010	- Spacer, Idler, .88" OD x .5" ID .219 High
4012033	- Spacer, .62" OD x .375" ID x .44" Long
4012053	- Spacer, .75" OD x .375" ID, 1.343" Long
4012289	- Spacer, Idler, 1.0" OD x .468" ID x .005" High
4012476	- Spacer, 1.75" OD x 1.19" ID x .19" Long
4012517	- Spacer, .88" OD x .406" ID x .28" Long
4012525	- Spacer, 1.00" OD x .406" ID x .825" Long
4012526	- Spacer, 1.00" OD x .406" ID x 3.55" Long
4012538	- Spacer, 1.00" OD x .406" ID x .91" Long
4012568	- Spacer, Idler, .88" OD x .44" ID x .47-.49" Long
4012576	- Spacer, .88" OD x .44" ID x .328" Long
4012742	- Spacer, 30MM ID x 42MM OD x 1MM Thk
4012885	- Spacer, 1.38" OD x 1.00" OD x .41" ID x 2.11" Long
4012887	- Spacer, .88" OD x .41" ID x 1.19" Long
4012924	- Spacer, 1." OD x 406" ID x 2.250" Long
4013017	- Spacer, .88" OD x .44" ID x .140" Long
4013127	- Spacer, .400" ID x 1.00" OD x .040" Long
401943-2	- Spacer, 1.25" OD x .625" ID x .50" Thk
401943-4	- Spacer, 1.25" OD x .625" ID x .62" Thk
401973-3	- Spacer, .75" OD x .50" ID x .31" Long



4013132-01 - Spacer, Direct mount compressor. Base thickness is .125

4013132-02 - Spacer, Direct mount compressor. Base thickness .25



617050 - Spacer, Nylon, .219" ID x .50" OD x .38" Thick



617078 - Spacer, Arbor, .88 ID x 1.38 OD x .010 Thick, w/Keyslot

617079 - Spacer, Arbor, .88 ID x 1.38 OD x .020 Thick, w/Keyslot



718010 - Spacer, Fan, 5/8", Cummins 8.3L

Compressors & Pad Fittings



- 512059** - SD7H15, Ear Mt, PV8, 119MM, H-Tube-O, 12V
512085 - SD7H15, Ear Mt, PV8, 119MM, H-Tube-O, 12V, w/
313194 & 313193(Assy)



- 512068** - SD7H15, Ear Mt, (2) V 1/2", 125MM, H-Tube-O
512074 - SD7H15, Ear Mt, (2) V 1/2", 125MM, H-Tube-O,
w/313194 & 313193
512078 - SD7H15, Ear Mt, (2) V 1/2", 125MM, H-Tube-O



- 512073** - A6, (1) V 1/2", 125MM, 12V, R134a, w/label (Assy)
512102 - A6, (1) V 1/2", 125MM, 24V, R134a



- 512087** - TM15, Direct Mt, PV6, 119MM, V-MIO, 12V



512083 - TM15, Ear Mt, PV8, 119MM, H-Tube-O, 12V, w/313194 & 313193

512088 - TM15, Ear Mt, PV8, 119MM, H-Tube-O, 12V



512089 - SD7H15, Direct Mt, PV6, 119MM, V-MIO, 12V

512097 - SD7H15, Direct Mt, PV6, 119MM, V-MIO, 12V



512090 - QP7H15, Direct Mt, PV8, 119MM, H-MIO, 12V

512262 - SD7H15, Direct Mt, PV8, 119MM, H-MIO, 12V



512113 - TM16, Ear Mt, (1) V 1/2", 125MM, V-MIO, 12V, Overhang Clutch

512114 - TM16, Ear Mt, (1) V 1/2", 125MM, V-MIO, 12V, Overhang Clutch, w/313456 & 313455



512119 - TM16, Ear Mt, (2) V 1/2", 135MM, Beadlock, 24V



512121 - TM15, Ear Mt, (2) v 1/2", 125MM, V-MIO, 12V



512124 - TM16, Ear Mt, Variable, 159MM, MIO, 12V

512153 - TM16, Ear Mt, Variable, 159MM, MIO, 12V, w/
313455 & 313154(Assy)



512129 - QP16, Ear Mt, PV8, 119MM, V-MIO



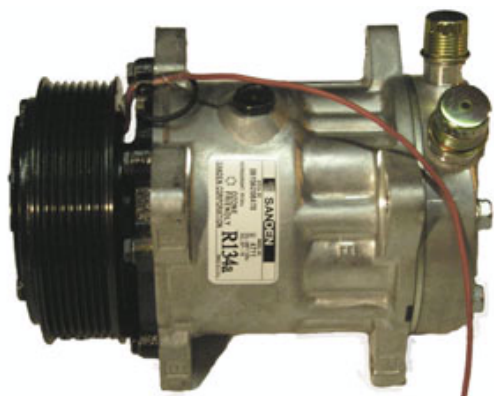
- 512137** - TM16, Ear Mt, PV8, 119MM, MIO, 12V
- 512138** - TM16, Ear Mt, PV8, 119MM, MIO, 12V
- 512166** - TM16, Ear Mt, PV8, 119MM, Beadlock, 12V,
w/313255 & 313256 Reverse Unv Ftg



- 512139** - SD7H15, Ear Mt, (2) v 1/2", 125MM, V-MIO, 12V



- 512193** - SD7H15, Ear Mt, (2) v 1/2", 125MM, MIO, 12V,
w/313455 & 313454
- 512194** - SD7H15, Ear Mt, (2) V 1/2", 125MM, Pad Mt, 12V,
3/8-24 Ftg Bolt
- 512196** - QP7H15, Ear Mt, (2) v 1/2", 125MM, MIO, 12V,
w/313456 & 313455



512143 - SD7H15, Ear Mt, PV8, 119MM, V-MIO, 12V



512144 - A6, (1) V 5/8", 119MM, 12V, R134a (Assy)



512145 - A6, PV8, 119MM, 12V, R134a, Top Port, Pad Block (5/8" X 3/4")

512146 - A6, PV8, 119MM, 12V, R134a, (Assy)



512147 - TM15, Ear Mt, (2) v 1/2", 125MM, Pad Mt, 12V



- 512188** - SD7H15, Ear Mt, PV8, 119MM, Beadlock, 12V, w/313188 & 313187
- 512189** - SD7H15, Ear Mt, PV8, 119MM, MIO, 12V, w/313455 & 313454
- 512190** - SD7H15, Ear Mt, PV8, 119MM, V-MIO, 12V, w/517024
- 512195** - SD7H15, Ear Mt, PV8, 119MM, Pad Mt, 12V
- 512203** - SD7H15, Ear Mt, PV8, 119MM, Aeroquip, 12V, w/313406 & 313405, Unv Ftg



-
- 512186** - SD7H15, Ear Mt, (2) v 1/2", 132MM, V-MIO, 12V



-
- 512204** - QP31 Direct Mt, 152MM, PV8 Grv, H-MIO, 12V
-



512208 - QP21, Direct Mt, PV8, 137MM, Pad Mt, 12V



512210 - QP7H15, Ear Mt, (2) V 1/2", 125MM, MIO, 12V

512211 - QP7H15, Ear Mt, (2) V 1/2", 125MM, MIO, 12V, w/313454 & 313455

512212 - QP7H15, Ear Mt, (2) V 1/2", 125MM, MIO, 12V, w/313454 & 313455

Note: 512210 can be replaced by a 512267



512213 - QP7H15, Ear Mt, PV8, 119MM, Beadlock, 12V,

512214 - QP7H15, Ear Mt, PV8, 119MM, MIO, 12V, w/313455 & 313454

512215 - QP7H15, Ear Mt, PV8, 119MM, V-MIO, 12V, w/517024

512216 - SD7H15, Ear Mt, PV8, 119MM, H-Tube O, 12V



512218 - TM16, Ear Mt, PV8, 119MM, Pad Mnt, 24V



512219 - TM21, Direct Mt, PV8, 137MM, Pad Mnt, 24V



512220 - QP21, Direct Mt, (2) V 1/2", 145MM, Pad Mnt, 12V



512221 - QP7H15, Direct Mt, PV6, 119MM, H-Tube-O



512224 - QP7H15, Direct Mt, (2) V 1/2, 125mm, Pad, 12V



512236 - QP21, Direct Mt, PV8, 127MM, Pad Mnt, 12V

512243 - QP21, Direct Mt, PV8, 127MM, Pad Mnt, 24V



512241 - 512241 SD7H15, Direct Mt, PV10, 119MM, Pad Mnt, 12V



512242 - QP21, Direct Mt, PV10, 127MM, Pad Mt, 12V

512254 - QP21, Direct Mt, PV10, 127MM, Pad Mt, 24V



512253 - FLX7, Direct Mt, PV8, 119MM, Pad Mt, 12V,
(replaces 512226)



512263 - TM16, Ear Mt, PV8, 119MM, V-MIO, 12V



512265 - TM21, Direct Mt, PV8, 137MM, Pad Mnt, 12V



512266 - FLX7, Ear Mt, PV8, 119MM, Pad Mnt, 12V



512267 - FLX7, Ear Mt, (2) V 1/2", 125MM, Pad Mnt, 12V

512311 - FLX7, Ear Mt, 12V, 2 Grv, Pad fitting, 5/8 x 3/4

Note: Can be replaced by a 512210



512269 - TM21, Direct Mt, (2) V 1/2", 145MM, Pad Mnt, 12V



512270 - FLX7, Direct Mt, (2) V 1/2", 125MM Pad Mnt, 12V



512271 - TM21, Direct Mt, PV8, 127MM, Pad Mnt, 12V



512301 - Compressor, TM21, 127MM, 10 Groove, 12V



512316 - QP21, 10 GV, 127MM, Spring Leaf Hub



313411 - Manifold, ft, 90 Deg, Ford V8/V10



313454 - Ftg, Pad block, Str, #8 MIO



313455 - Ftg, Pad Block, Str, #10 MIO, w/O-Ring



313456 - Ftg, Pad Block, Str, #12



313570 - Manifold, ftg, 90 Deg, Ford V8/V10



313580 - Manifold, Steel, Pad, 90 Deg, TM21



501249 - Delco Block Assy, Top Port, 3/4" MIO x 5/8" MIO



501259 - Delco Block Assy, Top Port, HR-6-HE



501262 - Plate, Ftg Pad, DKS

Note: Used w/313454, 313455 and/or 313456
ftgs



501273 - Pad Ftg, Top Port, 3/4" MIO x 5/8" MIO

Note: Note Replaces 501249

Note: Universal fittings swivel for top or bottom ports



501275 - Pad Ftg, Horizontal, 1.00"-14 thread



501279 - Pad Ftg, Bottom Port, 3/4 MIO x 5/8 MIO, Thick Base



501355 - Manifold, 90 deg, Ftg, 1/2" MIO x 5/8" MIO



501356 - Manifold, 90 Deg, Ftg, 1/2" MIO x 5/8" MIO, TM21



501372 - Manifold, GM flat face, 1/2" x 5/8" MIO, Bottom port



517024 - Pad Ftg, Block, V-MIO, 5/8" x 1/2", cast iron



517069 - Pad Ftg, Block, H-MIO, 5/8" x 1/2", cast iron



517070 - Pad Ftg Kit, V-MIO 5/8" x 1/2", w/ hardware

517071 - Pad Ftg, Block, V-MIO 5/8" x 1/2", cast iron, w/o bolt



517084 - Pad Ftg block, H-MIO 5/8" x 1/2", GM seal rings

Condensor Components



301301 - Coil Assembly, 3-Fan, Tube and Fin coil



301338 - Coil Assembly, 3-Fan Rooftop



301366 - NO LONGER AVAILABLE Coil Assembly, 2-Fan Short



301380 - Coil Assembly, 2-Fan High Short, SC3



301393 - Coil Assembly, 3-Fan High Long



301419 - Coil, Condenser, TA66



301493 - Coil, Condenser, SMC3L



301531 - Coil Assembly, Condenser, C5



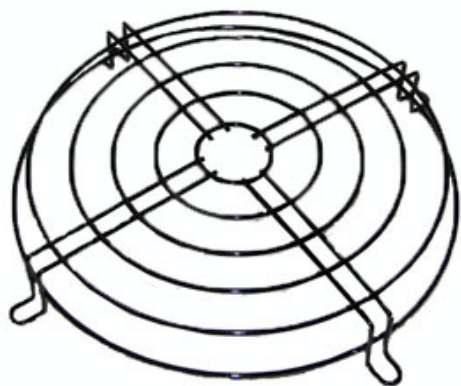
301618 - Coil Assembly, 3 Fan Micro Channel



301624 - Coil Assembly, 2 Fan Micro Channel



302007 - Coil, Condenser, RTC2



301103 - Fan Guard,

Note: Replaces
301355



410002 - Fan 5- Blade, 10", 30 Deg Pitch



410015 - Fan 4-Blade, 10", 30 Deg Pitch, T/A 3 Fan
Rooftop, Hispacold Retrofit Kit



410019 - Fan 4-Blade, 18", Used on TA2

Note: Available only while supplies last

301223 - Motor Mounting Bracket



511002 - Motor, Fan, Cond, T/A 6 & 3 Fan Rooftop, Hispacold Retrofit Fan Kit

Note: Replaces 511019



511004 - Motor, Cond 24 V 3" Dia Shaft, T/A 6 & 3 Fan Rooftop

Note: Replaces 511019





2160077 - Mount, For Flush Mt Fan Assy



2160081 - Fan Assy, 10" Flush Mnt Puller, 24 V T/A 6 Fan
Rooftop 24V



2160086 - Fan Assy, 14" Flush Mnt Pusher, Rooftop



2160088 - Fan Assy Kit, 10" Flush Mnt Puller

Note: NOTE: Replaces 2160080



2160089 - Fan Assy, 14" Flush Mnt



2160092 - Fan Assy, 14" Flush Mnt Puller, T/A 66 Rooftop & Success



2160093 - Fan Assy, 11" Flush Mnt, Old style C5 301526



2160099 - Fan Assy, 14" Flush Mnt Puller, 12v



301478 - Bracket, Adapter, 10" Cond Fan Mtg

Note: NOTE: Used on the 10" fans



301481 - Bracket, Adapter, 14" Cond Fan Mtg

Note: NOTE: Used on the 14" flush mount fans



302140 - Retrofit Kit, Hispacold Fan Motor, T/A 6 Fan Rooftop, Hispacold Retrofit Kit

Note: Replaces 511019 & 410014

212006 - 212006 16 CI, 1/2" MFL x 1/2" MFL



212010 - 30 CI, XH9 1/2" MFL x 1/2" MFL

Note: Used on skirt mounted condensers, 301362, 301364 used w/sightglass 211004



212011 - Receiver Drier, XH9, 3/8" MIO x 3/8" MIO



212012 - 30 CI, XH9 1/2" MIO x 1/2" MIO

Note: Used on roof top condensers 302150 and 301468



212019 - 212019 Accumulator, Suction



212021 - Drier w/Sight glass 1 piece combo

Note: Used on 301574, 301585, 301626 & 301681



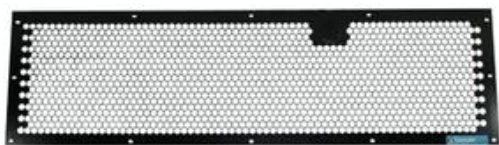
212024 - Muffler, Discharge, 600 PSI



212028 - Receiver

Note: NOTE: Used on Micro Channel Rooftop Condensor





301215-1 - Screen Assy, Inlet, Black, 36" x 10 1/4"

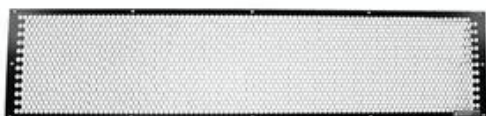
301215-11 - Screen Assy, Inlet, Silver, 36" x 10 1/4"

301215-2 - Screen Assy, Inlet, Black, 50" x 10 1/4"

301215-3 - Screen Assy, Inlet, Black, 50" x 14 5/8"

301215-4 - Screen Assy, Inlet, Black, 36" x 14 5/8"

301525 - Screen Assy, C5, Black, 67" x 14.25"

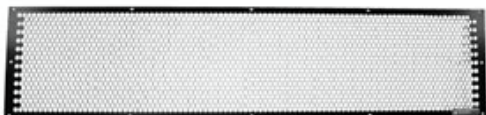


301552 - Shield, Debris, Condenser



301567-01 - Screen Assy, SMC3L, Black, 49 1/2" x 11 1/4"

301567-02 - Screen Assy, SMC3L, Aluminum, 49 1/2" x 11 1/4"

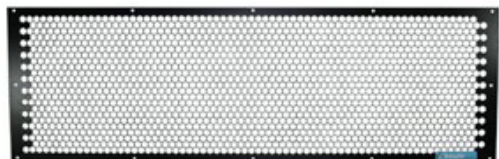


301571-01 - Screen Assy, SMC3L, Black, 49 1/2" x 11 1/2"

301571-02 - Screen Assy, SMC3L, Aluminum, 49 1/2" x 11 1/2"

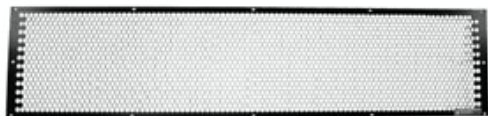
301582-01 - Screen Assy, SMC2L, Black, 35 1/2" x 11 1/4"

301582-02 - Screen Assy, SMC2L, Aluminum, 35 1/2" x 11 1/4"



301583-01 - Screen Assy, SMC2S, Black , 35 1/2" x 11 1/4"

301583-02 - Screen Assy, SMC2S, No finish, 35 1/2" x 11 1/4"



211004 - Sight Glass, 1/2" MFL x 1/2" FFL



211007 - Sight Glass, Swivel, 1/2" FFL x 1/2" MFL





301299 - Tube Assembly, Liquid line, (3-fan baco)

Note: NOTE: Used on 301362 assy.



301367 - Tube Assembly, Hot Liquid, (2-Fan Short)

Note: NOTE: Used on 301364 assy.



301386 - Tube Assembly, Hot Liquid, (2-Fan High Short)

Note: NOTE: Used on 301379 assy.



301689 - Tube Assembly, Hot Gas, (2-Fan/3-Fan)

Note: NOTE: Used on 301628, 301639, 301682 and 301704 assy's

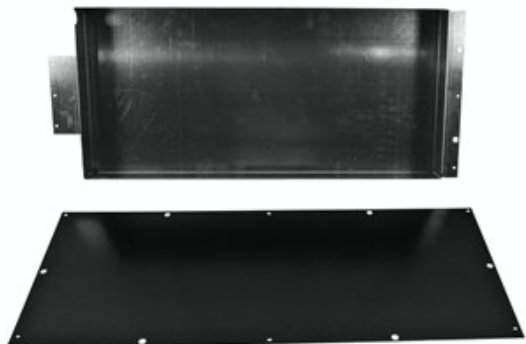


301615 - Winter Cover Kit, 3-Fan

301616 - Winter Cover Kit, 2-Fan

301736 - Winter Cover Kit, 2-Fan Stainless Steel

301737 - Winter Cover Kit, 3-Fan Stainless Steel



301694 - Winter Cover Kit, SC3

Condensors Units



301379-03 - 2 Fan, High Short, Std Coil, Black screen

Note: NOTE: This unit uses the 2160089 14" fans



301626-01 - 2 Fan, Micro Channel Coil, Black Screen

301626-02 - 2 Fan, Micro Channel Coil, No finish screen

Note: NOTE: These units use the 2160088 10" fans



301387-03 - 3 Fan, Condenser, Std Coil, Black Screen

Note: NOTE: This unit uses the 2160089 14" fans



301681-01 - 3 Fan, Micro Channel Coil, Black Screen

301681-02 - 3 Fan, Micro Channel Coil, No Finish Screen

Note: NOTE: These units use the 2160088 10" fans

Electrical Components

110001 - Circuit Breaker, 40 Amp, Manual Reset



110031 - Circuit Breaker, 40 Amp, Plug-In



110048 - Circuit Breaker, 150 Amp, Manual Reset

110077 - Circuit Breaker, 60 Amp, Manual Reset

110101 - Circuit Breaker, 100 Amp, Manual Reset



110004 - Circuit Breaker, 40 Amp, Auto Reset, Hermetically Sealed, Metal Case

110008 - Circuit Breaker, 50 Amp, 12V

110054 - Circuit Breaker, 15 Amp, Manual Reset





110082-10 - Circuit Breaker, ATO/ATC, Manual Reset, 10 Amp, 24VDC



701276-01 - Circuit Breaker Assy, 15A/40A/40A

115089 - Terminal Strip, 12 Pos, 40 Amp



115096-02 - Terminal black, Stud type, 2 Postion

115096-03 - Terminal black, Stud type, 3 Postion

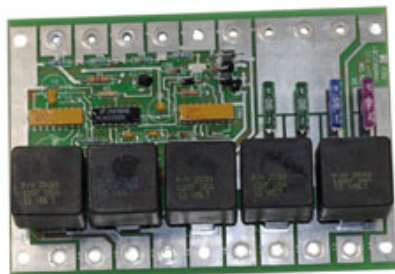
115096-04 - Terminal black, Stud type, 4 Postion

115096-06 - Terminal black, Stud type, 6 Postion

115096-10 - Terminal black, Stud type, 10 Postion

115096-11 - Terminal black, Stud type, 11 Postion

115096-12 - Terminal black, Stud type, 12 Postion

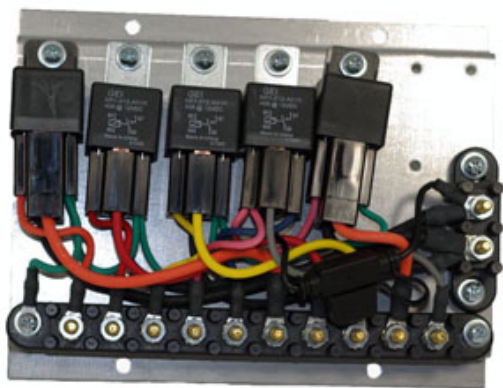


120007 - Board Assy, EC1, Spd, w/o Mtg

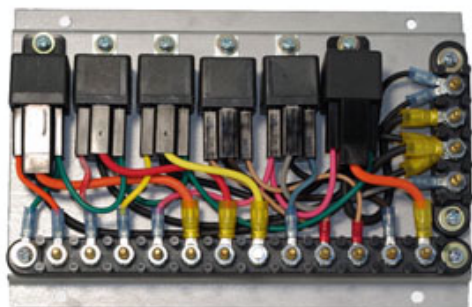
Note: Replaces 701080, 701088 &
701445

701258 - Cover, Relay board, 9.56 x 6.38 x 2.50

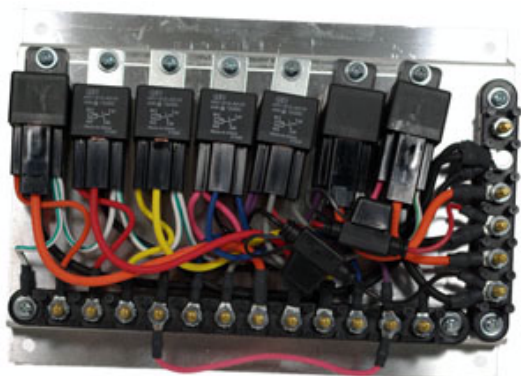




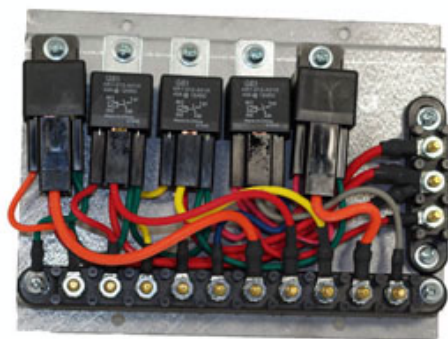
701280-01 - Relay Board Assy, Basic II, 3 Spd, Ford w/o breakers 12V



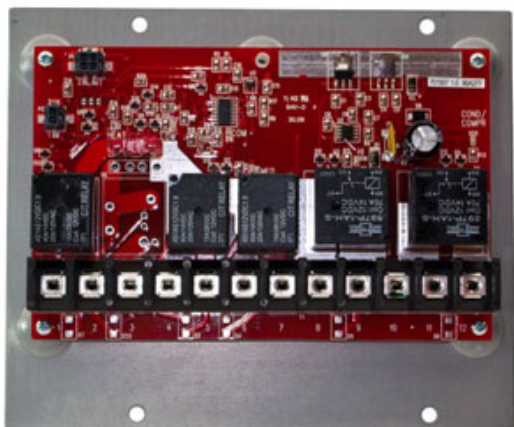
701395 - Relay Board Assy, Basic Digital, 3 Spd, w/heat



701406 - Relay Board Assy, Dual, Compressor/Condenser

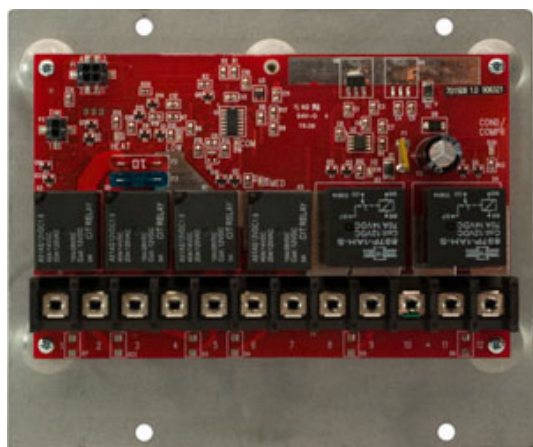


701409-01 - Relay Board Assy, Basic II, 3 spd 12V



701525 - Relay Board Assy, 4.0 w/o Heat

Note: Replaces 701440 & 701507. Includes hardware kit, terminal strip and cover



701526 - Relay Board Assy, 4.0 w/Heat

Note: Replaces 701457 & 701508. Includes hardware kit, terminal strip and cover



701554 - Relay Board Assy, EC3, Auxiliary Stud Terminal Strip

Note: Replaces 701424 and 701518. Includes hardware kit and terminal strip



112031 - Relay Connector, 70 Amp Mini Relay



115011 - Connector, Adapt, 2 Male, Tabs-1, Female-Slip-On



Butt Connector Insulated

115006 - Connector, Butt, 10-12/8 Ga, Reducing, Red

115007 - Connector, Butt, 14-16 Ga, Insulated, Blue

115012 - Connector, Butt, 10-12 Ga, Insulated, Yellow,

115106 - Connector, Butt, 18-22 Ga, Insulated, Red



Female-slip-on Terminal

115023 - Terminal, Female Slip-On, 10-12 Ga, Insulated, Yellow

115107 - Terminal, Female Slip-On, 18-22 Ga, Insulated, Red



#6 Ring Terminal

115005 - Terminal, #6 Ring, 14-16 Ga, Insulated, Blue

115024 - Terminal, #6 Ring, 10-12 Ga, Insulated, Yellow



Female-slip-on Terminal

115029 - Terminal, Female Slip-On, 18-22 Ga, Fully Insulated, Red

115031 - Terminal, Female Slip-On, 14-16 Ga, Fully Insulated, Blue

115035 - Terminal, Female Slip-On, 10-12 Ga, Fully Insulated, Yellow

115128 - Terminal, Female Slip-On, 24-26 Ga, Fully Insulated



Male-slip-on Terminal

115036 - Terminal, Male Slip-On, 10-12 Ga, Insulated, Yellow

115041 - Terminal, Male Slip-On, 14-16 Ga, Insulated, Blue

115042 - Terminal, Male Slip-On, 18-22 Ga, Insulated, Red



1/4" Ring Terminal

115014 - Terminal, 1/4" Ring, 14-16 Ga, Insulated, Blue

115021 - Terminal, 1/4" Ring, 10-12 Ga, Insulated, Yellow

115022 - Terminal, 1/4" Ring, 8 Ga, Insulated, Red

115047 - Terminal, 1/4" Ring, 2 Ga, Non-Insulated

115099 - Terminal, 1/4" Ring, 4 Ga, Insulated, Yellow

115195 - Terminal, 1/4" Ring, 2 Ga, Non-Insulated

115050 - Pin, CPC Connector 16-12 AWG



115051 - Pin, CPC Connector 10-8 AWG



115052 - Receptacle, CPC Square Flange



115053 - Socket, CPC Connector, 12-14 AWG



115054 - Socket, CPC Connector, 10-8 AWG



115055 - Receptacle, CPC Square Flange



115061 - Plug, CPC Free Hanging



115064 - Clamp, Cable, CPC



1/2" Ring Terminal

115079 - Terminal, 1/2" Ring, 2 Ga, Non-Insulated



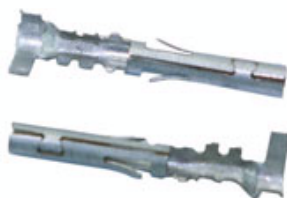
115082 - Connector, Delco A6 Compressor



115083 - Terminal, Male-Fem Multiplier, 14-16 Ga, .250 Push-On, Insulated



115084 - Terminal, Socket, 14-16 Ga



115085 - Seal, Wire, 16-18 Ga, Gray



115086 - Connector, Tower, 1-Circuit



115087 - Connector, 2 Pole, "Metro-Pak"



115088 - Terminal, Pin, 10MM



115100 - Terminal, Spade, 10-12 Ga



Butt Connector Non-Insulated

115044 - Connector, Butt, 10-12 Ga, Non-Insulated

115101 - Connector, Butt, 8 Ga, Seamless, Non-Insulated Barrel



115102 - Connector, Relay, Weather Resistant



115104 - Terminal, Packard, Series 630, 14-16 Ga





5/16" Ring Terminal

- 115004** - Terminal, 5/16" Ring, 8 Ga, Insulated, Red
- 115009** - Terminal, 5/16" Ring, 14-16 Ga, Insulated, Blue
- 115013** - Terminal, 5/16" Ring, 10-12 Ga, Insulated, Yellow
- 115019** - Terminal, 5/16" Ring, 6 Ga, Insulated Blue
- 115118** - Terminal, 5/16" Ring, 2 Ga, Non-Insulated
- 115198** - Terminal, 5/16" Ring, 4 Ga, Insulated



3/8" Ring Terminal

- 115017** - Terminal, 3/8" Ring, 4 Ga, Non-Insulated
- 115119** - Terminal, 3/8" Ring, 2 Ga, Non-insulated
- 115177** - Terminal, 3/8" Ring, 6 Ga, Insulated, Blue
- 115196** - Terminal, 3/8" Ring, 10-12 Ga, Insulated, Yellow
- 115199** - Terminal, 3/8" Ring, 4 Ga, Insulated
- 115208** - Terminal, 3/8" Ring, 8 Ga, Insulated, Red
- 115226** - Terminal, 3/8" Ring, 14-16 Ga, Insulated, Blue

-
- 115120** - Terminal, 1/4" Relay Connector



-
- 115121** - Terminal, 3/8" Relay Connector





Butt Connector w/shrink wrap

115097 - Connector, Butt, 10-12 Ga w/Heat Shrink, Yellow

115105 - Connector, Butt, 14-16 Ga, w/Heat Shrink, Blue

115123 - Connector, Butt, 8 Ga, w/Heat Shrink, Red

115207 - Connector, Butt, 18-20 Ga, w/ Heat Shrink, Red,



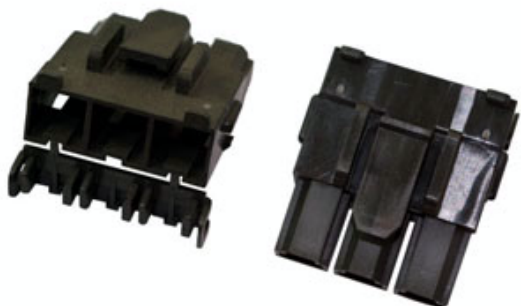
115132 - Solder Sleeve, 14-16 Ga



115133 - Terminal, Male, 10-12 Ga, Mini-Fit SR



115134 - Terminal, Female, 10-12 Ga, Mini Fit SR



115135 - Receptacle, 3 Circuit, Mini-Fit SR

115138 - Plug, 5 Circuit, Panel Mnt, Mini Fit SR



115139 - Terminal, Male, 18-24 Ga, Mini Fit



115145 - Plug, Dual Row 6 Circuit, Free Hanging



115151 - Terminal, Male, 10-12 Ga, Sealed



115166 - Terminal, Female Crimp, 10-14 Ga



115168 - Terminal, Male, 14-16 Ga, Sealed



115169 - Terminal, Female, 14-16 Ga, Sealed



115192 - Terminal, Male, 18 Ga, Sealed



115197 - Junction Block, Sngl Stud, 3/8"-16 Thrds



115216 - Terminal, ATO/ATC Fuse Block



#10 Ring Terminal



115001 - Terminal, #10 Ring, 14-16 Ga, Insulated, Blue

115003 - Terminal, #10 Ring, 8 Ga, Insulated, Red

115016 - Terminal, #10 Ring, 10-12 Ga, Insulated, Yellow

115108 - Terminal, #10 Ring, 18-22 Ga, Insulated, Red

115109 - Terminal, #10 Ring, 4 Ga, Non-Insulated

115124 - Terminal, #10 Ring, 8 Ga, Thin Width, Insulated, Red

115176 - Terminal, #10 Ring, 6 Ga, Insulated

115209 - Terminal, #10 Ring, 8 Ga, Narrow, Insulated, Red

115225 - Terminal, #10 Ring, 2 Ga, Non-insulated

115228 - Contact Pin Hot Water Valve





#8 Ring Terminal

115129 - Terminal, #8 Ring, 10-12 Ga, Insulated, Yellow

115229 - Terminal, #8 Ring, 8 Ga, Narrow, Insulated, Red

115230 - Terminal, #8 Ring, 10-12 Ga, Insulated, Yellow

115231 - Terminal, #8 Ring, 14-16 Ga, Insulated, Blue



120035 - Connector, Female, Sealed, 3 Position



10 Gauge Wire

- 116001** - Wire, 10 Ga, Red
 - 116002** - Wire, 10 Ga, Orange
 - 116012** - Wire, 10 Ga, Yellow
 - 116014** - Wire, 10 Ga, White
 - 116034** - Wire, 10 Ga, Black
 - 116038** - Wire, 10 Ga, White W/Green Stripe
 - 116050** - Wire, 10 Ga, Green
-



4 Gauge Wire

- 116015** - Wire, 4 Ga, Black Battery Cable
 - 116016** - Wire, 4 Ga, Red Battery Cable
-



14 Gauge Wire

- 116004** - Wire, 14 Ga, Green
 - 116005** - Wire, 14 Ga, Light Blue
 - 116006** - Wire, 14 Ga, Yellow
 - 116007** - Wire, 14 Ga, Orange
 - 116008** - Wire, 14 Ga, Brown
 - 116009** - Wire, 14 Ga, White
 - 116010** - Wire, 14 Ga, Black
 - 116017** - Wire, 14 Ga, Red
 - 116021** - Wire, 14 Ga, Pink
 - 116022** - Wire, 14 Ga, Gray
 - 116023** - Wire, 14 Ga, Purple
 - 116036** - Wire, 14 Ga, Dark Blue
 - 116037** - Wire, 14 Ga, White W/Green Stripe, THHN
 - 116051** - Wire, 14 Ga, Shielded, White
-



2 Conductor Cable

- 116018** - Cable, 2 Conductor, 22 Ga, Duplex Thermister, Stranded, Unshielded
 - 116066** - Cable, 2 Conductor, 20 Ga, Red/Green, Shielded
 - 116084** - Cable, 2 Conductor, 8 Ga, Red Black
 - 116085** - Cable, 2 Conductor, 10 Ga, Red Black
-



12 Gage Wire

- 116011** - Wire, 12 Ga, White
 - 116024** - Wire, 12 Ga, Black
 - 116026** - Wire, 12 Ga, Red
 - 116027** - Wire, 12 Ga, Yellow
 - 116028** - Wire, 12 Ga, Orange
 - 116033** - Wire, 12 Ga, Green
 - 116044** - Wire, 12 Ga, White W/Green Stripe
-



24 Gage Wire

- 116031** - Wire, 22 Ga, Red
 - 116032** - Wire, 22 Ga, White
-



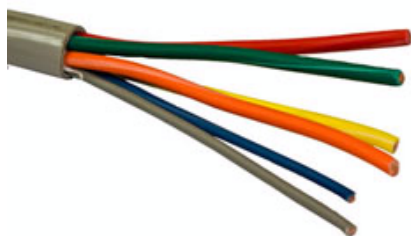
8 Gage Wire

- 116013** - Wire, 8 Ga, Black
 - 116039** - Wire, 8 Ga, White w/Green Stripe, THHN
 - 116040** - Wire, 8 Ga, Red
 - 116041** - Wire, 8 Ga, White
 - 116042** - Wire, 8 Ga, Orange
-



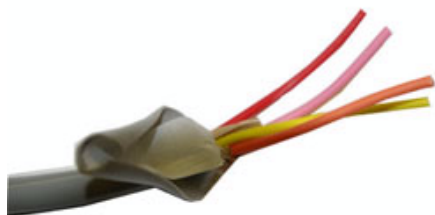
2 Gage Wire

- 116046** - Wire, 2 Ga, Red, 60 Deg CPVC Jacket
 - 116047** - Wire, 2 Ga, Black, 60 Deg CPVC Jacket
-



6 Conductor Cable

- 116048** - Cable, 6 Conductor, 10 Ga Orange, 10 Ga Green, 10a Red, 10 Ga Yellow, 14 Blue, 14 Gray
-



4 Conductor Cable

- 116049** - Cable, 4 Conductor, 18 Ga Orange, 18 Ga Red, 18 Ga Yellow, 18 Ga, Pink
- 116059** - Cable, 4 Conductor, 10 Ga, 600V, Shielded
- 116090** - Cable, 4 Conductor, 22 Ga, Unshielded



2/0 Wire

- 116052** - Wire, 2/0 Ga, Red, .625 OD
- 116053** - Wire, 2/0 Ga, Black, .625 OD



22 Gage Wire

- 116054** - Wire, 20 Ga, Black
- 116056** - Wire, 20 Ga, Green
- 116058** - Wire, 20 Ga, Blue



18 Gage Wire

- 116043** - Wire, 18 Ga, Tan
- 116060** - Wire, 18 Ga, Orange
- 116061** - Wire, 18 Ga, Yellow
- 116062** - Wire, 18 Ga, Pink
- 116063** - Wire, 18 Ga, Purple
- 116064** - Wire, 18 Ga, Black
- 116067** - Wire, 18 Ga, Blue
- 116068** - Wire, 18 Ga, Green
- 116071** - Wire, 18 Ga, Red
- 116091** - Wire, 18 Ga, White



6 Gage Wire

- 116086** - Wire, 6 Ga, Red
 - 116087** - Wire, 6 Ga, Orange
 - 116088** - Wire, 6 Ga, White/Green Stripe
-



16 Gage Wire

116092 - Wire, 16 Ga, Black

116093 - Wire, 16 Ga, Gray



Cable Assemblies

701192 - Cable Assembly, #4 Red, 4 Ft, #10 eyelet x 3/8 eyelet

701262 - Cable Assembly, #4 Red, 24" Length, #10 eyelet x 3/8 eyelet

701476 - Cable Assembly, #2 Black 24" length, 1/4 eyelet x 3/8 eyelet



- 110041** - Fuse, ATC-15, Blade Type
- 110043** - Fuse, ATC 20, Blade Type
- 110044** - Fuse, ATC 25, Blade Type
- 110068** - Fuse, ATC-5, Blade Type
- 110102** - Fuse, ATC-40 Blade Type



- 110050-03** - Fuse, Mini, Blade Terminal, Purple body, 3 Amp, 32V
- 110050-05** - Fuse, Mini, Blade Terminal, Tan body, 5 Amp, 32V, .018 Ohms, 25 melting
- 110050-10** - Fuse, Mini, Blade Terminal, Red body, 10 Amp, 32V, .0073 Ohms, 93 melting
- 110050-15** - Fuse, Mini, Blade Terminal, Blue body, 15 Amp, 32V, .0045 Ohms, 270 melting
- 110050-20** - Fuse, Mini, Blade Terminal, Yellow body, 20 Amp, 32V, .0032 Ohms, 380 melting
- 110050-25** - Fuse, Mini, Blade Terminal, Natural body, 25 Amp, 32V, .0023 Ohms, 625 melting
- 110050-30** - Fuse, Mini, Blade Terminal, Green body, 30 Amp, 32 V, .0018 Ohms, 1130 melting



- 110075** - Fuse Holder, In-line w/ cover, Mini Blade, 2-20 Amp range, #16Ga leads, 32V
- 110076** - Fuse Holder, w/ cover, 2-30 Amp, 12Ga Mini blade



110105-40 - Fuse, Mini, Bolt-On, 40 Amp

110105-50 - Fuse, Mini, Bolt-On, 50 Amp

110105-70 - Fuse, Mini, Bolt-On, 70 Amp

110105-80 - Fuse, Mini, Bolt-On, 80 Amp



701401 - Fuse holder, MIDI, Bolt on w/40amp fuse



701499 - Fuse Holder Assy, Mega, w/100amp bolt-on fuse



111021 - Diode, 6 Amp, Inline



- 112007** - Relay, Mini, 12V, 40 Amp w/flange
- 112008** - Relay, Mini, 12V, Plug-in, Plastic cover, 4 pin, 50Amp
- 112019** - Relay, Mini, 24V, 20 Amp
- 112029** - Relay, Mini, 12V, 70 Amp
- 112030** - Relay, Mini, 24V, 40 Amp
- 112032** - Relay, Mini, 24V, 30/40 Amp, 5 Prong
- 112033** - Relay, Mini, 12V, 30/40 Amp, 5 Prong, Diode



- 112024** - Relay, 12V, 75 Amp
- 112027** - Relay, 24V, SPST, 50 Amp



- 112025** - Relay, 12V SPDT, Weather Resistant



111060 - Resistor, 1.87 Ohms, Metal case, 4 Tap



111088 - Resistor, 2.7 Ohms, 5 Watts, Axial lead



111092 - Resistor, 2.5 Ohms, Metal case, 3 Tap

111141 - Resistor, 2.9 Ohms, Metal case, 3 Tap



111150 - Resistor, 2 Tap

Note: Replaces 111022



111151 - Resistor, 3 spd

Note: Please note mounting application when choosing resistor



111152 - Resistor, 4 spd



111153 - Resistor, 3 spd

Note: Please note mounting application when choosing resistor

Safety Switches, Sensors & Probes



111001 - Switch, High pressure, w/ Schrader port, Open at 350 psi, Close at 275 psi

111154 - Switch, High pressure, w/ Schrader port, Open at 350 psi, Close at 275 psi

Note: 111154 Only used in EC 4.0, wires are black with white tracer



111025 - Switch, Low pressure, w/ Schrader port, Opens at 10 psi, Close at 35 psi

111155 - Switch, Low pressure, w/ Schrader port, Opens at 10 psi, Close at 35 psi

Note: 111155 Only used in EC 4.0, wires are blue with white tracer



111058-20 - Temperature Sensor, PTC 20ft, 3" cap, Nickel plated copper

Note: Used with 111057



111058-40 - Temperature Sensor, PTC 40ft, 6" cap, Nickel plated copper

Note: Used with 111057



111082 - Switch, Low Pressure, Capacity Regulator



111120 - Switch, Temperature, Close on Rise



111149 - Temperature Sensor, In-cabin



501143 - Temperature Probe Assy

Note: Used with 120007, Replaces 501120

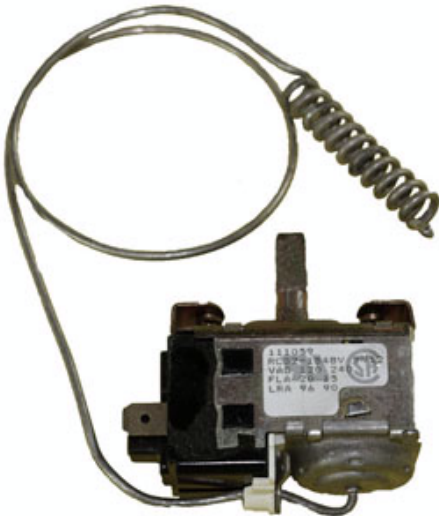
111051 - Swtich, Rotary, Thermostat

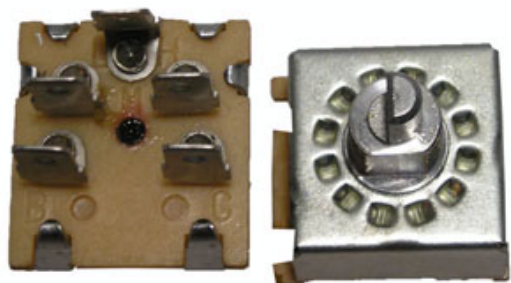


111057 - Temp Controller, 12V, Adj Led setpoint dispay 10 Amp SPDT



111059 - Swtich, Rotary, Thermostat

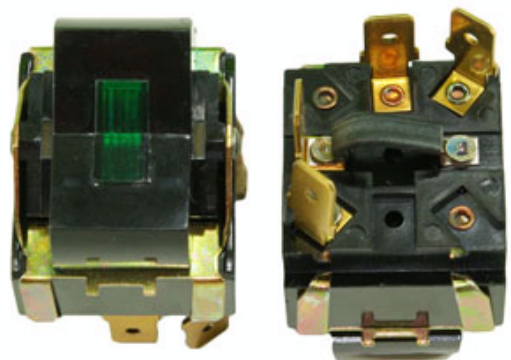




113006 - Switch, Rotary, 4 Position, Fan



113007 - Switch, Toggle, Off-None-Mom On, SPST



113012 - Switch, Rocker, w/Green light, Fan

Note: Used with 120007



113013 - Switch, Rocker, Temperature

Note: Used with 120007



113014 - Indicator light, Pressure

Note: Used with 120008 &
120027



113015 - Switch, Rocker, Start-Run, Power Packs



113016 - Switch, Rocker, MOM, Power Packs



113019 - Switch, Rocker, 3Pos, H/L/O, DPDT, blk , Basic II fan



113030 - Switch, Rocker, 3Pos, H/L/O, DPDT, blk, Basic II mode



113032 - Rotary, Knob, Snowflake, Chrome, Soft

113033 - Rotary, Knob, Fan, Chrome, Soft



113034 - Switch, Rotary, 3 Pos, w/2 Nuts



113040 - Switch, 5 Position, Ford OEM



113044-01 - Switch, Rocker, NGR 2sp, AC





113044-02 - Switch, Rocker, NGR 3sp, Fan



113044-03 - Switch, Rocker, NGR, On/Off AC



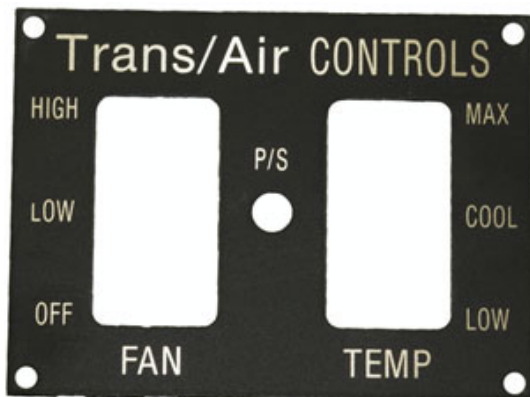
113044-05 - Switch, Rocker, NGR Rocker, Mode



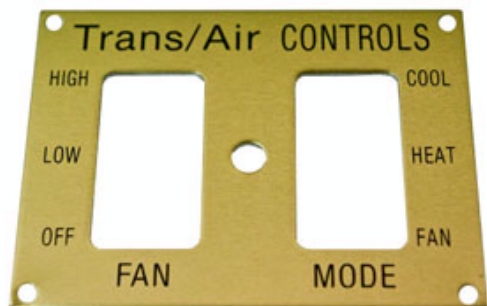
113044-06 - Switch, Rocker, NGR Rocker, Reading lamps



113044-07 - Switch, Rocker, NGR Rocker, 2 Spd fan



120008 - Plate, Switch, EC1, Black w/gold letters, 2 hole



120027 - Plate, Switch, Thermostat



610006 - Knob, Fluted Plastic, 7/8" Dia, 10-32 x 1/2" thread



610008 - Knob, Black, ABS, Wht Pointer, .250 Spring index position



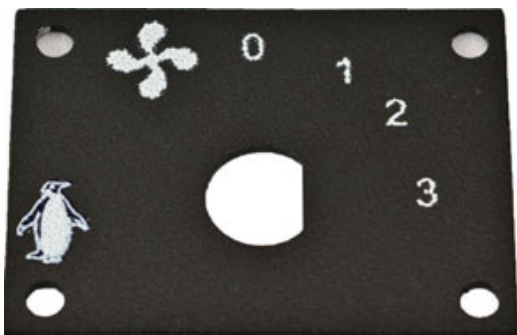
701127 - Plate, Switch, 3 Spd Blower & Thermostat



701147 - Plate, Switch, 2 Spd Blower & Thermostat



701413 - Switch, Plate, Rotary, 3 Spd Blower & Thermostat



701415 - Switch, Plate, Rotary, 3 Spd Blower

701421 - Switch, Plate, Rotary, 3 Spd Blower & Mode



701425 - EC Series Thermostat

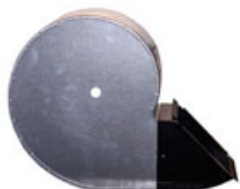


701426 - EC Series Mode and Fan speed control Thermostat

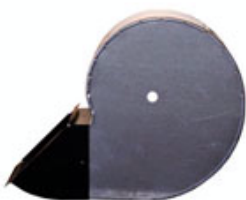


Evaporator Components

2021585 - Blower Assembly, T/A 17 Counter Clockwise
(NEW STYLE ONLY)



2021586 - Blower Assembly, T/A 17 Clockwise (NEW
STYLE ONLY)



412019 - Blower Assembly, DCM Blower



412026 - Blower Assembly, 24V only



412032 - Blower Assembly, W/Threaded inserts





412040 - Blower Assembly, High output 24V

Note: Used on T/A 66 & Success



412042 - Blower Assembly, w/4 Spd Resistor

Note: Resistor sold separately (111151)



412043 - Blower Assembly, Conversion Kit

Note: For units older than 1999



412050 - Blower Assembly, High performance

Note: Used in T/A 30



412051 - Blower, Assembly, w/3 Spd Resistor

Note: Resistor sold separately (111152 or 111153) see notes in resistors for correct resistor for your application.

511001 - Blower Motor, 12V 2.5" Dia, single shaft



511003 - Blower Motor, 24V, 2.5" Dia shaft



511010 - Blower Motor, 24V, Double shaft



511020 - Blower Motor, DCM, 24V, Double shaft, 5/16" Dia x 3.0", Frame 3" Dia x 3.4" Spd, 3000 Rpm





511021 - Blower Motor, High output



511024 - Blower Motor, 24V, T/A 17

Note: Old Style used in 2021199 & 2021198



511029 - Blower Motor, 24V, T/A 17

Note: New Style used in 2021586 & 2021585



2021818-03 - Drain Pan, TA71/93, ABS

2021818-04 - Drain Pan, TA73/96, ABS

Note: Replaces 2021158 must be accompanied by 2021870



2021819-03 - Drain Pan, ABS, T/A-30

2021096 - Coil, Heat, T/A 71 & T/A 93



2021097 - Coil Assembly, T/A 71 & T/A 77 split coil (2021740)



2021124 - Coil Assembly, T/A 17



2021164 - Coil, Heat, T/A 73N, 36.6" x 2" x 8"



2021190 - Coil, T/A 20N



2021271 - Coil, T/A 30



2021272 - Coil, Heat, T/A 30



2021280 - Coil Assembly, T/A 96



2021321 - Coil Assembly, T/A 93



2021365 - Coil Assembly, T/A 73



2021478 - Coil , FM 45



2021510 - Coil Assembly, FM55



2021528 - Coil Assembly, FM45



2021564 - Coil, T/A 17

Note: New Style



2021770 - Coil, Dash Air



2021771 - Coil, Heat, Dash Air



2021772 - Coil Assembly, Heat, Dash Air



202296 - Coil, T/A 71, Split coil T/A 77 (202895)



202412 - Coil, T/A70/RV60 for block expansion valve



202778 - Coil, DCM II





- 2021077-01** - Cover Assembly, T/A 30 Dual Blowers, Spring White
- 2021077-02** - Cover Assembly, T/A 30 Dual Blowers, Gray
- 2021077-03** - Cover Assembly, T/A 30 Dual Blowers, White

Note: 2021077 assy includes 1056 cover, 2021186 brackets, 2021276 inlet grill, 612032 U-clip, 612040 U-clips and 916022 label and 619084 screws



- 2021098-01** - Cover, Abs, T/A 71, Spring White
- 2021098-02** - Cover, Abs, T/A 71, Gray
- 2021098-03** - Cover, Abs, T/A 71, White

Note: 2021048 Assembly includes 2021041 cover, 2021042 grill, 612032 clip, 619084 screws, 916022 label, 2021167 bracket and 612040 U-clip



- 2021409-01** - Cover Assembly, TA73, Spring White
- 2021409-02** - Cover Assembly, TA73, Gray
- 2021409-03** - Cover Assembly, TA73, White
- 2021409-04** - Cover Assembly, TA73, Astro White

Note: 2021041 assembly includes, 2021167 brackets, 2021408 inlet grill, 612032 U-clips, 612040 U-clips, 619040 screws and 916022 label

Note: Replaces 2021048



- 2021829-01** - Cover Assembly, Metal, TA73, Non-ducted snout
- 2021829-02** - Cover Assembly, Metal TA73, Ducted



- 2021833-01** - Cover Assembly T/A 70 Spring White
- 2021833-02** - Cover Assembly, T/A 70 Gray
- 2021833-03** - Cover Assembly, T/A 70 White

Note: Above items uses 1/2" drain tubes



- 2021837-01** - Cover Assembly, DCM, Spring White
- 2021837-02** - Cover Assembly, DCM, Gray
- 2021837-03** - Cover Assembly, DCM White

Note: Above item 202786 has been replaced with 2021837 and will require (1) 2021870 adapter



- 2021841-01** - Cover Assembly, TA 77, Spring White
- 2021841-02** - Cover Assembly, TA 77, Gray
- 2021841-03** - Cover Assembly, TA 77, White

Note: Above items use 1/2" drain tube



- 202815-02** - Cover Assy, T/A-71, Gray

Note: NOTE: Limited, While supplies last



- 202925-01** - Cover, Abs, T/A 20, Beige
- 202925-03** - Cover, Abs, T/A 20, White

Note: Limited Availability



- 202605-1** - Filter Assembly, 41 1/3 x 8, Double Grid, TA 77
202605-2 - Filter Assembly, 41 x 9 3/4, Double Grid, TA 96
202605-3 - Filter Assembly, 30 x 8, Double Grid, TA93



- 915008** - Filter, EZ Clean, (TA73), 3/8 x 4.5 x 39
915012 - Filter, EZ Clean, (TA71), 3/32 x 4 x 22
915037 - Filter, EZ Clean, (DCM), 15 13/15 x 4



- 915009** - Fastner, hook type, male, 5/8 white



- 915010** - Fastner, loop type, female, 5/8 white



- 915014** - Filter, Air, .43 x 8 x 30, 12 PPI
915020 - Filter, Air, .43 x 9.75 x 31, 25 PPI
915021 - Filter, Air, .43 x 10 x 31, Double Grid
915025 - Filter, Air, .43 x 5 3/7 x 23 5/8, Double Grid
915026 - Filter, Air, .25 x 4 x 20.5, Double Grid
915034 - Filter, Air, .25 x 8 x 41.3, Double Grid
915042 - Filter, Drain Pan, TA20



- 915027** - Cord, Nylon shock, 1/8 x 500' spool



- 915028** - Filter, Air, .25 x 10 x 36, 25 PPI
915029 - Filter, Air, .25 x 8 x 27, 25 PPI
915054 - Filter, Air, .25 x 12 x 24, Black Foam
915056 - Filter, Air, .25 x 21.5 x 24.5
915068 - Filter, Air, .37 x 4.5 x .5



915040 - Foam, Drain pan, TA20



915035 - Filter, Air, 8 x 57 x .31, 25

915044 - Filter, Air, 5 x 5 x 29

915045 - Filter, Air, 8 x 35 x .5

915053 - Filter, Air, 5 x 12 x 18

915057 - Filter, Air, 5 x 8 x 25

915058 - Filter, Air, .30 x 8.5 x 28.75, 25

915061 - Filter, Air, 7 x 27 x .5

915063 - Filter, Air, T/A 17

915065 - Filter, Air, 6.63 x 27 x .5

915066 - Filter, Air, 12 x 14.5 x .5

915067 - Filter, Air, 27.75 x 4.25 x .5

915069 - Filter, Air, 6.5 x 36 x .5

Note: 915069 replaces the 915062



915055 - Filter, Air, .30 x 5.75 x 53.75, Success Blk, 25
PPI, open cell



2021287-01 - Headpad, TA96, Spring White

2021287-02 - Headpad, TA96, Gray

2021287-03 - Headpad, TA95, White



2021324-01 - Headpad, TA93, Spring White

2021324-02 - Headpad, TA93, Gray

2021324-03 - Headpad, TA93, White



2021503-06 - Headpad, FM55, White w/Black Lettering

2021560-02 - Headpad, FM55, Gray

2021560-03 - Headpad, FM55, White w/Red lettering

2021560-06 - Headpad, FM55, White w/Black lettering

2021560-07 - Headpad, FM55, Gray, w/o lettering



2021627-02 - Headpad, FM45, Gray 37" x 5"



2021870 - Hose, Adapter, Drain tube



312010 - Tubing, Kazoo, 1 1/7" x 3", (5/8" hole)



312021 - Hose, Drain, .625" ID x .81" OD x 25', white

312032 - Hose, Drain, .50" ID x .69" OD x 25' white

Note: Sold in 25ft rolls only



320001 - Elbow, 90 deg, 5/8" OD barbed x 5/8" OD barbed, plastic

320012 - Elbow, 90 deg, 1/2" OD barbed x 1/2" barbed OD, plastic



320002 - Tee, 5/8" OD barbed x 5/8" OD barbed x 5/8" OD barbed, plastic

320017 - Tee, 1/2" OD barbed x 1/2" OD barbed x 1/2" OD barbed, plastic



619098-01 - Screw, Thumb, Washer face, #10-32, .375 blk zinc

619098-02 - Screw, Thumb, Washer face, #10-32, .500 blk zinc

619112 - Screw, Thumb, #8-32 x 1/2, Knurled



811008 - Bushing, Spacer



811013 - Bushing, Snap, 1.25 ID Open/Close, Nylon, Black, 1.50 Dia Mounting Hole, .125 Max Thick Chassis



- 813007** - Cap, Snap, w/ Insert
 - 813021** - Cap, Snap, w/ Insert, Morning Gray
 - 813026** - Cap, Snap, w/ Insert, White, #6 & #8 screw
 - 813027** - Cap, Snap, w/ Insert, Beige, #6 & #8 screw
 - 813028** - Cap, Snap, w/ Insert, Gray, #6 & #8 screw
 - 813029** - Cap, Snap, w/ Insert, Off-white
 - 813039** - Cap, Snap, w/ Insert, White, #10 screw
-



210001 - Expansion Valve, Body, Thermal

Note: Used w/210011, 210012, 210015 and 210016



210011 - Cage, #3, 1 Ton, Valve, LEM

210012 - Cage, #6, 3 Ton, Valve, REM

210015 - Cage #5, 2 Ton

210016 - Cage #1, 1/3 Ton, Used w/ body 210001

Note: Used in 210001



210019 - Block Valves, 2 Ton, w/Mtg holes



210031 - Expansion Valve, 3/8" x 1/2" SAE, 3 Ton, Straight flow through valve



210037 - Expansion Valve, Body



210041 - Expansion Valve, 5 Ton, 5/8" MFL x 5/8" MFL



210042 - Expansion Valve, 4 Ton, 3/8" MIO x 1/2" MIO



210058 - Expansion Valve, 2 Ton, Block Type, R134A

Note: NOTE: Replaces 210043

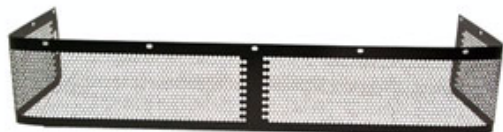


210059 - Expansion Valve, 2 Ton, Block type, R134a

Note: Replaced by 210059



2021007 - Grille, Air Inlet, TA77



2021042 - Grille, Air Inlet, TA73N, Side Install

2021099 - Grille, Air Inlet, TA71

2021276 - Grille, Air Inlet, TA30

2021408 - Grille, Air Inlet, TA73N

2021526 - Grille, Air Inlet, TA73, IC



2021089 - Grille, Air Inlet, TA73N, Side Install



2021288 - Grille, Air Return, TA96, 41.46L x 8.06H

2021325 - Grille, Air Return, TA93, 31.96L x 8.06H



2021484-01 - Grille, Air Inlet, FM55, Spring White



2021577 - Grille, Air Return, TA17



2021784 - Grille, Air Inlet, Dash Air



2022020 - Guard, Finger, TA77



2021447 - Deflector, Air, Inside outlet



2021448 - Deflector, Air, Outside outlet



412012 - Louver, 3" Black w/spring & screw



412014 - Louver, Assembly, Rectangular



412017 - Louver, Shut off 3"



412020 - Louver, w/dual hose adapter



412031 - Louver, Circular, Adjustable



413002 - Grille, Air outlet 4-3/4" w/spring & screw



413003 - Louver, Rectangular Assembly, w/ control



413004 - Louver, Rectangular Assembly, 1-5/8" x 6 1/8"



413008 - Louver, Triple vane ball



413010 - Louver, w/Bezel



413011 - Louver, Grille, TA20



413012 - Louver, 18", Rectangular



413014 - Louver, Round, 3"



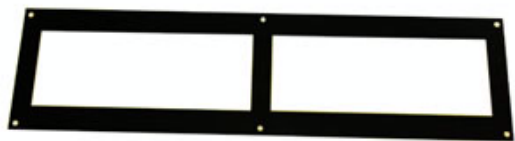
413015 - Deflector, Air



413016 - Louver, Ball, 2.5", Duct



413017 - Louver, Rectangle, 2.5" Duct



501214 - Louver, Attachement

Equipment



816028 - Oil Injector



816035 - Electronic leak detector, (heated diode)



816052 - Service Coupler, Suction side (R134a) Low side

816053 - Service Coupler, Discharge side, (R1347a) High side



816093 - Refrigerant Mgt Ctr, RHS 980



816095 - Bottle Blanket Heater



816103 - Power Cell Set, for 816035 Rev C, D-Tek

Note: NOTE: Used in 816035 leak detector



816104 - Rev C, D-Tek

Note: NOTE: Used in 816035 leak detector



816105 - Tip Filter,

Note: NOTE: Used on
816035



816115 - Manifold, Vacuum



816117 - Gauge, Micron



816118 - Refrigerant Charging scale

816120 - Adapter, R134a Coupler



816121 - Adapter, Ball Valve



816143 - Ball valve (R134a)



No Image
Available

816188 - Pump, 8 CFM Vacuum



816189 - 4-Way Manifold Gauge set (R134a)

816015 - Gauge, Cricket, V Grv



816016 - Gauge, Cricket, Poly V Grv



816021 - Hose cutters



816050 - Valve Core Remover, R134a w/Fixed Access Ports



816147 - Crimp Tool, Aeroquip





816157 - Core, Valve, Aeroquip Clip Ftgs



816176 - Crimp Tool, Burgaflex



816178 - Laser Alignment tool



816179 - Crimp Tool #16 Aeroquip

Fittings



- 313340** - Clip #6
- 313341** - Clip #8
- 313342** - Clip #10
- 313343** - Clip #12



- 313344** - Cage #6
- 313345** - Cage #8
- 313346** - Cage #10
- 313347** - Cage #12
- 313355** - Cage #16

Note: Aeroquip Cages are Metal



- 313353** - Spl, #12 Hose w/134a LS Access
- 313354** - Spl, #10 Hose w/134a HS Access
- 313447** - Spl, #12 x #12 Hose w/R12 Charge Port
- 313553** - Spl, #16 Hose w/134a LS Access
- 313599** - Spl, #10 Hose w/134a LS Access
- 313600** - Spl, #8 Hose x 8 Hose w/HS Access



- 313348** - 90 Deg, 1/2 FO x #10 Hose
- 313349** - 90 Deg, 5/8 FO x #10 Hose
- 313351** - 90 Deg, 5/8 FO x #12 Hose
- 313356** - 90 Deg, 1/2 FO x #8 Hose
- 313358** - 90 Deg, 3/4 FO x #12 Hose
- 313363** - 90 Deg, 3/8 FO x #8 Hose
- 313414** - 90 Deg, 3/4 FO x #10 Hose
- 313552** - 90 Deg, 3/4 FO x #16 Hose
- 313607** - 90 Deg, 1/2 FO x #6 Hose



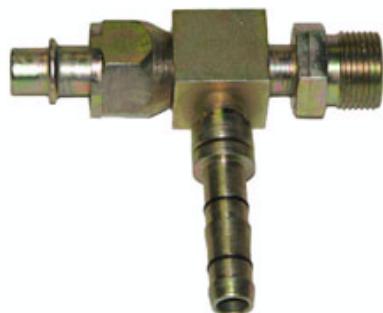
- 313350** - Str, 5/8 MO x #12 Hose
- 313357** - Str, 3/8 MO x #8 Hose
- 313422** - Str, 3/8 MO x #6 Hose
- 313423** - Str, 5/8 MO x #10 Hose



- 313352** - Str, 3/4 FO x #12 Hose
- 313359** - Str, 1/2 FO x #8 Hose
- 313364** - Str, 3/8 FO x #8 Hose
- 313404** - Str, 20MM FO x #10 Hose
- 313419** - Str, 5/8 FO x #12 Hose
- 313420** - Str, 3/8 FO x #6 Hose
- 313432** - Str, 5/8 FO x #10 Hose
- 313433** - Str, 5/8 FO x #8 Hose
- 313434** - Str, 3/4 FO x #10 Hose
- 313435** - Str, 1/2 FO x #10 Hose



- 313398** - Str, 20MM MIO x #10 Hose
- 313485** - Str, 1/2 MIO x #8 Hose
- 313486** - Str, 3/4 MIO x #12 Hose



- 313361** - Tee, 27MM FO x 27MM MIO x #12 Hose
- 313402** - Tee, 20MM FO x 20MM MIO x #8 Hose



- 313405** - 90 Deg, GM Universal x #10 Hose
- 313406** - 90 Deg, GM Universal x #12 Hose



- 313381** - 45 Deg, 1/2 FO x #10 Hose
- 313382** - 45 Deg, 5/8 FO x #12 Hose
- 313401** - 45 Deg, 3/4 FO x #12 Hose
- 313403** - 45 Deg, 27MM FO x #12 Hose
- 313415** - 45 Deg, 1/2 FO x #8 Hose
- 313416** - 45 Deg, 5/8 FO x #10 Hose



- 313426** - Spl, #6 x #6 Hose
- 313427** - Spl, #8 x #8 Hose
- 313428** - Spl, #10 x #10 Hose
- 313429** - Spl, #12 x #12 Hose



- 313441** - 5/8 O-Ring x #10 Hose, w/o Nut



- 313442** - 90 Deg, 1/2 MIO x #8 Hose, Bulkhead
- 313443** - 90 Deg, 5/8 MIO x #10 Hose, Bulkhead
- 313444** - 90 Deg, 5/8 MIO x #12 Hose, Bulkhead



- 313355** - Tee, #8 x #8 x #8 Hose
- 313413** - Tee, #12 x #12 x #12 Hose
- 313418** - Tee, #10 x #10 x #10 Hose
- 313421** - Tee, #12 x #12 x #10 Hose
- 313445** - Tee, #8 x #8 x #6 Hose



- 313392** - 90 Deg, 3/8 MO x #8 Hose
- 313393** - 90 Deg, 5/8 MO x #12 Hose
- 313452** - 90 Deg, 1/2 MO x #10 Hose



- 313457** - 90 Deg, 1/2 MIO x #10 Hose
- 313473** - 90 Deg, 20MM MIO x #10 Hose



313397 - 90 Deg, 22mm FO x #8 Hose w/HS Access

313465 - 90 Deg, 1/2 FO x #10 Hose, w/HS Access

313466 - 90 Deg, 5/8 FO x #12 Hose, w/LS Access

313481 - 90 Deg, 1/2 FO x #8 Hose w/HS Access



313482 - 90 Deg, 1/2 Fem, 45 Deg Flare x #8 Hose



313492 - Str, 12 ORS x #12 Hose

313493 - Str, 10 ORS x #10 Hose



313491 - 90 Deg, 10 ORS x #10 Hose

313495 - 90 Deg, 8 ORS x #8 Hose

313496 - 90 Deg, 12 ORS x #12 Hose



313497 - 45 Deg, 3/8 MO x #6 Hose

313498 - 45 Deg, 5/8 MO x #10 Hose



- 313183** - Tee, #12 x #12 x #12 Hose
- 313184** - Tee, #8 x #8 x #8 Hose
- 313224** - Tee, #12 x #12 x #10 Hose
- 313225** - Tee, #8 x #8 x #6 Hose
- 313226** - Tee, #10 x #10, x #6 Hose
- 313234** - Tee, #10 x #10 x #8 Hose
- 313245** - Tee, #10 x #10 x #10 Hose



- 313187** - 90 Deg, GM Univ x #10 Hose
- 313188** - 90 Deg, GM Univ x #12 Hose



- 313189** - Str, 5/8 MO x #12 Hose
- 313191** - Str, 3/8 MO x #8 Hose
- 313216** - Str, 3/8 MO x #6 Hose
- 313217** - Str, 5/8 MO x #10 Hose



- 313195** - Splice, #12 x #12 Hose, w/LS Access
- 313197** - Splice, #10 x #10 Hose, w/HS Access
- 313252** - Splice, #8 x #8 Hose w/o Access
- 313253** - Splice, #10 x #10 Hose w/out Access
- 313254** - Splice, #12 x #12 Hose w/o Access
- 313261** - Splice, #10-12 Hose
- 313279** - Splicer, #10 x #10 Hose w/7/16-20 Service Port
- 313289** - Splice, #6 x #6 Hose
- 313376** - Splice, #12 x #12 Hose w/R12 Port



- 313179** - Str, 1/2 FO x #10 Hose
- 313186** - Str, 3/4 FO x #12 Hose
- 313198** - Str, 3/4 FO x #10 Hose
- 313199** - Str, 5/8 FO x #10 Hose
- 313200** - Str, 5/8 FO x #8 Hose
- 313208** - Str, 1/2 FO x #8 Hose
- 313231** - Str, 3/8 FO x #8 Hose
- 313275** - Str, #8 FO x #6 Hose
- 313287** - Str, 5/8 FO x #12 Hose
- 313288** - Str, 3/4 FO x #10 Hose
- 313292** - Str, 3/8 FO x #6 Hose
- 313327** - Str, 3/8 FO x #6 Hose
- 313378** - Str, M27 FO x #12 Hose
- 313380** - Str, 20MM FO X #10 Hose



- 313213** - Tee, 27MM FO x 27MM MIO x #12 Hose
- 313214** - Tee, 22MM MIO x 22MM FO x #12 Hose
- 313215** - Tee, 22MM MIO x 22MM FO x #10 Hose
- 313230** - Tee, 20MM FO x 20MM MIO x #8 Hose



- 313232** - 90 Deg, 3/8 MO x #8 Hose
- 313262** - 90 Deg, 5/8 MO x #12 Hose



- 313239** - Bulkhd, 90 Deg, 1/2 MIO x #8 Hose
- 313240** - Bulkhd, 90 Deg, 5/8 MIO x #10 Hose
- 313272** - Bulkhd, 90 Deg, 5/8 MIO x #12 Hose



- 313250** - 45 Deg, 1/2 FO x #10 Hose
- 313251** - 45 Deg, 5/8 FO x #12 Hose
- 313293** - 45 Deg, 5/8 FO x #10 Hose
- 313298** - 45 Deg, 1/2 FO x #10 Hose
- 313299** - 45 Deg, 5/8 FO x #12 Hose
- 313326** - 45 Deg, 27MM FO x #12 Hose
- 313375** - 45 Deg, 3/4 FO x #12 Hose
- 313377** - 45 Deg, 27MM FO x #12 Hose



- 313255** - 90 Deg, GM Reverse Univ x #12 Hose
- 313256** - 90 Deg, GM Reverse Univ x #10 Hose



- 313271** - Bulkhd, Str, 5/8 MIO x #12 Hose
- 313273** - Bulkhd, Str, 5/8 MIO x #10 Hose



- 313229** - Str, 20MM MIO x #10 Hose
- 313276** - Str, #10 MIO x #10 Hose



- 313176** - 90 Deg, 5/8 FO x #12 Hose
- 313177** - 90 Deg, 1/2 FO x #10 Hose
- 313178** - 90 Deg, 5/8 FO x #10 Hose
- 313181** - 90 Deg, 3/4 FO x #12 Hose
- 313182** - 90 Deg, 3/4 FO x #10 Hose
- 313185** - 90 Deg, 1/2 FO x #8 Hose
- 313212** - 90 Deg, 3/8 FO x #8 Hose
- 313228** - 90 Deg, 20MM FO x #6 Hose
- 313242** - 90 Deg, 5/8 FO x #8 Hose
- 313268** - 90 Deg, 20MM FO x #8 Hose
- 313417** - 90 Deg, 5/8 FO x #10 Hose, Steel
- 313436** - 90 Deg, 24MM FO x #12 Hose
- 313460** - 90 Deg, 5/8 FO x #12 Hose
- 313461** - 90 Deg, 1/2 FO x #10 Hose
- 313462** - 90 Deg, 3/4 FO x #12 Hose, Steel
- 313464** - 90 Deg, 3/4 FO x #10 Hose, Steel



- 313396** - 90 Deg, 20MM x #8 Hose, w/134a HS Access
- 313399** - 90 Deg, 3/4 FO x #12 Hose, w/134a LS Access
- 313400** - 90 Deg, 5/8 FO x #10 Hose, w/134a HS Access
- 313480** - 90 Deg, 1/2 FO x #8 Hose, w/134a HS Access



- 313500** - Clip #6
- 313501** - Clip #8
- 313502** - Clip #10
- 313503** - Clip #12



- 313504** - Clip holder #6
- 313505** - Clip holder #8
- 313506** - Clip holder #10
- 313507** - Clip holder #12

Note: Burgflex cages are blue plastic



- 313512** - Str, 3/8 MO x #8 Hose
- 313515** - Str, 5/8 MO x #12 Hose
- 313608** - Str, 3/8 MO x #6 Hose
- 313627** - Str, 3/4 MO x #12 Hose



- 313514** - 90 Deg, 3/8 MO x #8 Hose
- 313518** - 90 Deg, 5/8 MO x #12 Hose



313520 - Spl, #10 Hose w/134a HS Access

313521 - Spl, #12 Hose w/134a LS Access



313513 - Str, 1/2 FO x #8 Hose

313516 - Str, 5/8 FO x #12 Hose

313519 - Str, 3/4 FO x #12 Hose

313523 - Str, 3/8 FO x #8 Hose

313528 - Str, 1/2 FO x #10 Hose

313577 - Str, 5/8 FO x #10 Hose

313610 - Str, 1/2 FO x #10 Hose w/ Switch Port

313611 - Str, 5/8 FO x #12 Hose w/ Switch Port

Note: 313610 & 313611 Switch Ports are not shown in picture



313524 - 45 Deg, 3/4 FO x #12 Hose

313526 - 45 Deg, 5/8 FO x #12 Hose

313527 - 45 Deg, 1/2 FO x #10 Hose

313529 - 45 Deg, 1/2 FO x #8 Hose

313544 - 45 Deg, 5/8 FO x #10 Hose

313574 - 45 Deg, 3/4 FO x #10 Hose



313530 - 90 Deg, 22mm FO x #8 Hose w/HS Access

313533 - 90 Deg, 1/2 FO x #8 Hose w/HS Access

313559 - 90 Deg, 1/2 FO x #10 Hose w/HS Access

313560 - 90 Deg, 5/8 FO x #12 Hose w/LS Access

313597 - 90 Deg, 5/8 FO x #10 Hose, w/Switch Port

313598 - 90 Deg, 1/2 FO x #8 Hose, w/Switch Port

313606 - 90 Deg, 5/8 FO x #12 Hose w/Switch Port

313614 - 90 Deg, 1/2 FO x #10 Hose w/Inv Switch Port

313615 - 90 Deg, 5/8 FO x #12 Hose w/ Inv Switch Port



- 313522** - Tee, #8 x #8 x #8 Hose
- 313539** - Tee, #12 x #12 x #10 Hose
- 313540** - Tee, #8 x #8 x #6 Hose
- 313543** - Tee, #12 x #12 x #12 Hose
- 313545** - Tee, #10 x #10 x #10 Hose



- 313541** - 45 Deg, 3/8 MO x #6 Hose
- 313542** - 45 Deg, 5/8 MO x #10 Hose



- 313546** - Spl, #8 x #8 Hose
- 313547** - Spl, #12 x #12 Hose
- 313548** - Spl, #10 x #10 Hose
- 313588** - Spl, #6 x #6 Hose
- 313628** - Spl, #12 x #12 Hose w/Switch Port



- 313508** - 90 Deg, 5/8 FO x #12 Hose
- 313509** - 90 Deg, 1/2 FO x #10 Hose
- 313510** - 90 Deg, 5/8 FO x #10 Hose
- 313511** - 90 Deg, 1/2 FO x #8 Hose
- 313517** - 90 Deg, 3/4 FO x #12 Hose
- 313525** - 90 Deg, 3/8 FO x #8 Hose
- 313537** - 90 Deg, 3/4 FO x #10 Hose
- 313550** - 90 Deg, 3/8 FO x #6 Hose
- 313573** - 90 Deg, 1/2 FO x #6 Hose
- 313578** - 90 Deg, 5/8 FO x #8 Hose



- 313551** - 90 Deg, 3/8 FO x #6 Hose, w/o nut
313566 - 90 Deg, 3/4 FO x #12 Hose, w/o nut
313572 - 90 Deg, 5/8 FO x #12 Hose, w/o nut



- 313561** - Str, 5/8 MIO x #10 Hose
313569 - Str, 3/8 MIO x #6 Hose

No Image
Available

- 313564** - Clip-Lok, 45, #12 ORFS x #12 Hose



- 313567** - Bulkhd 90 Deg, 1/2 MO x #8 Hose
313568 - Bulkhd 90 Deg, 5/8 MO x #10 Hose



- 313581** - Bulkhd, Str, 1/2 MIO x #8 Hose
313582 - Bulkhd, Str, 1/2 MIO x #10 Hose



313583 - 45 Deg, 1/2 FO x #10 Hose, w/HS Access

313584 - 45 Deg, 5/8 FO x #12 Hose, w/LS Access

313603 - 45 Deg, 5/8 FO x #12 Hose, w/Switch Port

313604 - 45 Deg, 1/2 FO x #10 Hose, w/Switch Port

313612 - 45 Deg, 1/2 F.O x #10 Hose w/ Switch Port

313613 - 45 Deg, 5/8 FO x #12 Hose w/ Switch Port

Note: Switch port is a 1/4" flare style port



313609 - Clip-Lok Tube Assy, Dash Evap Suction Line x #12 Hose



213003 - Valve Assy, Schrad Access, 1/8 MPT x 1/4 FL, w/Cap



213020 - Stem, Valve (schrader valve core)



213034 - Schrader Valve, 1/4 or 3/8 Solder Ftg



314016 - Adapter, 7/16 FFL x R134a, High Side

314017 - Adapter, 7/16 FFL x R134a, Low Side



No Image
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317118 - Bushing, Copper, Flush, 7/8F x 5/8C

311016 - Hose, #20, 1.12 ID x 1.51 OD, Reusable Ftg

311017 - Hose, #12, .65 ID x 1.08 OD, Reusable Ftg

311018 - Hose, #10, .52 ID x .92 OD, Reusable Ftg

311023 - Hose, #8, .42 ID x .77 OD, Reusable

311024 - Hose, #16, 1.38 ID x 1.3/4 OD, Reusable Ftg



311019 - Hose, #6 Aeroquip

311020 - Hose, #8 Aeroquip

311021 - Hose, #10 Aeroquip

311022 - Hose, #12 Aeroquip

311029 - Hose, #16 Aeroquip



- 311006** - Hose, Refrigeration, #6, 5/16" ID, Barrier
 - 311007** - Hose, Refrigeration, #8, 13/32" ID, Barrier
 - 311008** - Hose, Refrigeration, #10, 1/2" ID, Barrier
 - 311009** - Hose, Refrigeration, #12, 5/8" ID, Barrier
 - 311011** - Hose, Refrigeration, #16, 7/8" ID, Barrier
-



- 311025** - Hose, Refrigeration, #6, Trans/Air Burgaflex
- 311026** - Hose, Refrigeration, #8, Trans/Air Burgaflex
- 311027** - Hose, Refrigeration, #10, Trans/Air Burgaflex
- 311028** - Hose, Refrigeration, #12, Trans/Air Burgaflex



- 311031** - Hose, #16, 7/8 ID x 1 1/4 OD, Reusable Ftg
 - 311032** - Hose, #20, 1 1/8 ID x 1 1/2 OD, Reusable Ftg
 - 311033** - Hose, #24, 1 3/8 ID x 1 3/4 OD, Reusable Ftg
-



913011 - Oil, Refrigeration, Ester base, Castrol



913016 - Lubricant, Compressor PAG ISO Visc 150

913017 - Lubricant, Compressor PAG ISO Visc 100

913018 - Lubricant, Compressor PAG ISO Visc 46



913019 - Lubricant, Compressor, POE ISO Visc 32



913020 - Lubricant, Compressor, POE, ISO Viscosity 46



913021 - Lubricant, Compressor, POE, Viscosity 55



518022 - O-Ring, Fitting, #6 Hose

518023 - O-Ring, Fitting, #8 Hose

518024 - O-Ring, Fitting, #10 Hose

518025 - O-Ring, Fitting, #12 Hose

Refrigerant O-Rings - Miscellaneous O-Rings



- 517027** - O-Ring, 14 x 2, Pressure Relief Valve
 - 517034** - O-Ring, 70 x 3, Suction Filter
 - 517042** - O-Ring, 15.54 x 2.64
 - 517043** - O-Ring 43 x 3.5, Clutch side cover
 - 518011** - O- Ring, 5/8"
 - 518013** - O-Ring, Diesel Kiki TM, HD Pad replacement
 - 518019** - O-Ring, Brute Gauge
 - 518027** - O-Ring, 1/2" W X 1 1/4" ID x 1 1/2" OD
-



- 518008** - O-Ring, Stat-O-Seal, Cap Pltd Stl
 - 518009** - O-Ring, Stat-O-Seal, Cap Pltd Stl
-



- 518031** - O-Ring, 7/16" ID x 3/32" W
-



- 518032** - Seal Kit, 2007 Ford Gas Engine, O-Ring/Seal Plate Suction Line
 - 518033** - Seal, C-Plate, 3/4"
-

Refrigerant O-Rings - Universal



518002 - O-Ring, 3/8"

518003 - O-Ring, 1/2"

518004 - O-Ring, 5/8"

518006 - O-Ring, 3/4"



- 313331** - 90 Deg, #10 ORS x #10 Hose, Reusable
 - 313333** - 90 Deg, #20 ORS x #20 Hose, Reusable
 - 313367** - 90 Deg, 3/4 FO x #10 Hose, Reusable
 - 313368** - 90 Deg, 3/4 FO x #12 Hose, Reusable
 - 313372** - 90 Deg, #16 ORS x #16 Hose, Reusable, Short drop
 - 313384** - 90 Deg, #8 ORS x #8 Hose, Reusable
 - 313387** - 90 Deg, 1/2 FO x #8 Hose, Reusable
-



- 313330** - Straight, #10 ORS x #10 Hose, Reusable
 - 313332** - Straight, #20 ORS x #20 Hose, Reusable
 - 313386** - Straight, #8 ORS x #8 Hose, Reusable
 - 313424** - Straight, 1/2 FO x #8 Hose, Reusable
-



313193 - 90 Deg, Tube O x 1/2 MIO, R134a, HS Access

313194 - 90 Deg, Tube O x 5/8 MIO, R134a, LS Access



313202 - Clamp, #8 Clam-Shell Repair Kit

313203 - Clamp, #10 Clam-Shell Repair Kit



313284 - Tee, 3/4 FIO x 3/4 MO x 3/4 MIO



313316 - Fitting, 27MM FO x 27MM MIO x 5/8 MIO, suction line



313336 - Bulkhd, Male, 1.687-12 x #20 ORS

313337 - Bulkhd, Male, 1.000-14 x #10 ORS

313389 - Bulkhd, 8 ORS x #8 Hose

313390 - Bulkhd, 10 ORS x #10 Hose



313391 - Adapter, 10 ORS x 8 ORS

313484 - Adapter, 10 ORS, Fem x 8 ORS, Male



313190 - Tee, 5/8 MIO x 5/8 MIO x 5/8 MIO

313192 - Tee, 3/4 MIO x 3/4 MIO x 3/4 MIO

313285 - Tee, 3/8 MIO x 3/8 FO x 3/8 MIO

313412 - Tee, 5/8 MO x 5/8 MIO x 5/8 FIO

313430 - Tee, 1/2 FO x 1/2 MIO x 1/2 MIO

313458 - Tee, 3/4 FO x 3/4 MIO, x 3/4 MIO, w/Schrader

313459 - Tee, 5/8 FO x 5/8 MIO x 5/8 MIO, w/Schrader

313490 - Tee, 3/4 FIO x 3/4 MO x 5/8 MIO, Drop



313475 - Tee, GM "Peanut" x #8 MIO, Liquid Line

313478 - Tee, GM "Peanut", #10 MIO, Accumulator

313489 - Tee, Ford Peanut x #8 MIO



313385 - Tee, Reusable, 8 ORS x Male x Male x Female

313483 - Tee, Reusable, 10 ORS, Male x Male x Male



313575 - Tee, Suction Line, Male Peanut x Female Peanut x #10 MIO, Pretzel



- 313476** - Str, GM Peanut x #8 MIO, Liquid Line
- 313477** - Str, GM "Peanut", #10 MIO x Female Pilot
- 313488** - Str, Ford Peanut x #8 MIO
- 313556** - Str, GM Peanut x #10 MIO, Suction
- 313557** - Str, GM Peanut x #10 MIO, Accumulator
- 313558** - Str, GM Peanut #8 MIO Thk, Compressor
- 313576** - Adaptor, Female Peanut x #10 MIO
- 313579** - 90 Deg, GM "Peanut" x #10 MIO, GM accumulator discharge



- 313585** - #8 MIO x 1/2 Male C-Plate Seal
- 313586** - #8 MIO x 3/4 Male C-Plate Seal



- 313631** - 90 Deg, #16 Bock Flange Connection x #16 Hose, Re-usable
- 313632** - 90 Deg, #16 Bock Flange Connection x #20 Hose, Re-usable
- 313633** - 90 Deg, #16 Bock Flange Connection x #24 Hose, Re-usable



- 313589** - 5/8 MO x 5/8 FIO w/Access Valve
- 501239** - 3/8 MO x 3/8 FIO w/Access Valve

Hardware



Bolts Hex Head 7/16 - 14

- 616023** - Bolt, Hex Hd, 7/16-14 x 2 1/4, Gr 5
- 616031** - Bolt, Hex Hd, 7/16-14 x 2 1/2, Gr 8
- 616032** - Bolt, Hex Hd, 7/16-14 x 3 1/2, Gr 8
- 616046** - Bolt, Hex Hd, 7/16-14 x 1 1/2, Gr 5
- 616106** - Bolt, Hex Hd, 7/16-14 x 6, Gr 5
- 616122** - Bolt, Hex Hd, 7/16-14 x 4 1/2
- 616128** - Bolt, Hex Hd, 7/16-14 x 3 1/4, Gr 5
- 616146** - Bolt, Hex Hd, 7/16-20 x 2 1/2, Gr 5
- 616184** - Bolt, Hex Hd, 7/16-14 x 1 3/4, Gr 8
- 616224-04** - Bolt, Hex Hd, 7/16-20 x 1 3/4, Gr 8
- 616261** - Bolt, Hex Hd, 7/16-14 x 1 1/4, Gr 8
- 616271** - Bolt, Hex Hd, 7/16-14 x 2 3/4, Gr 8
- 616310** - Bolt, Hex Hd, 7/16-20 x 1 1/2, Gr 8
- 616394** - Bolt, Hex Hd, 7/16-20 x 1 3/4, Gr 5



Bolts Hex Head 3/8 - 16

- 616007** - Bolt, Hex Hd, 3/8-16 x 1 1/4, Gr 5
- 616008** - Bolt, Hex Hd, 3/8-16 x 1 1/2, Gr 5
- 616009** - Bolt, Hex Hd, 3/8-16 x 2 1/2, Gr 8
- 616010** - Bolt, Hex Hd, 3/8-16 x 3.00 Gr 5
- 616018** - Bolt, Hex Hd, 3/8-16 x 1 3/4, Gr 5
- 616028** - Bolt, Hex Hd, 3/8-16 x 1 1/4, Gr 8
- 616030** - Bolt, Hex Hd, 3/8-16 x 1 3/4, Gr 8
- 616033** - Bolt, Hex Hd, 3/8-16 x 4.00, Gr 8
- 616038** - Bolt, Hex Hd, 3/8-16 x 5.00, Gr 8
- 616042** - Bolt, Hex Hd, 3/8-16 x 1.00, Gr 5
- 616045** - Bolt, Hex Hd, 3/8-16 x 5 1/2, Gr 5
- 616090** - Bolt, Hex Hd, 3/8-16 x 4 1/2, Gr 5
- 616093** - Bolt, Hex Hd, 3/8-16 x 1 1/2, Gr 8
- 616100** - Bolt, Hex Hd, 3/8-16 x 2 1/2, Gr 5
- 616158** - Bolt, Hex Hd, 3/8-16 x 6 1/2, Gr 8
- 616193** - Bolt, Hex Hd, 3/8-16 x 2.00, Gr 8
- 616216** - Bolt, Hex Hd, 3/8-16 x 2 1/4, Gr 8
- 616255** - Bolt, Hex Hd, 3/8-16 x 1.00, Gr 8
- 616258** - Bolt, Hex Hd, 3/8-16 x 2 1/2, Gr 5,F/T, All Thread
- 616288** - Bolt, Hex Hd, 3/8-16 x 3 1/2, Gr 8
- 616297** - Bolt, Hex Hd, 3/8-16 x 4.00, Gr 8,F/T, Full Thread
- 616334** - Bolt, Hex Hd, 3/8-16 x 5.00, F/T, Gr 5
- 616359** - Bolt, Hex Hd, 3/8-16 x 1 1/4 Full Thrd, Gr 8, Self Locking
- 616372** - Bolt, Hex Hd, 3/8-16 x 3.00 Full Thread, Gr 5



Bolts Hex Head 8MM x 1.25P

- 616034** - Bolt, Hex Hd, 8MM x 1.25P x 80MM, Gr 8.8
- 616041** - Bolt, Hex Hd, 8MM x 1.25P x 20MM, Gr 10.9
- 616048** - Bolt, Hex Hd, 8MM x 1.25P x 55MM, Gr 10.9
- 616050** - Bolt, Hex Hd, 8MM x 1.25P x 40MM, Gr 8.8
- 616052** - Bolt, Hex Hd, 8MM x 1.25P x 100MM, Gr 8.8
- 616055** - Bolt, Hex Hd, 8MM x 1.25P x 35MM, Gr 10.9
- 616061** - Bolt, Hex Hd, 8MM x 1.25P x 20MM, Gr 8.8
- 616063** - Bolt, Hex Hd, 8MM x 1.25P x 30MM, Gr 8.8
- 616065** - Bolt, Hex Hd, 8MM x 1.25P x 50MM, Gr 8.8
- 616067** - Bolt, Hex Hd, 8MM x 1.25P x 25MM, Gr 8.8
- 616069** - Bolt, Hex Hd, 8MM x 1.25P x 45MM, Gr 8.8
- 616074** - Bolt, Hex Hd, 8MM x 1.25P x 60MM, Gr 8.8
- 616116** - Bolt, Hex Hd, 8MM x 1.25P x 70MM
- 616149** - Bolt, Hex Hd, 8MM x 1.25P x 65MM
- 616210** - Bolt, Hex Hd, 8MM x 1.25P x 90MM, Gr 8.8
- 616243** - Bolt, Hex Hd, 8MM x 1.25P x 50MM, Gr 10.9
- 616245** - Bolt, Hex Hd, 8MM x 1.25P x 130MM, Gr 8.8
- 616246** - Bolt, Hex Hd, 8MM x 1.25P x 120MM, Gr 8.8
- 616268** - Bolt, Hex Hd, 8MM x 1.25P x 30MM, Gr 10.9
- 616274** - Bolt, Hex Hd, 8MM x 1.25P x 90MM, Gr 10.9
- 616278** - Bolt, Hex Hd, 8MM x 1.25P x 130MM, Gr 10.9
- 616296** - Bolt, Hex Hd, 8MM x 1.25P x 110MM, Gr 10.9
- 616355** - Bolt, Hex Hd, 8MM x 1.25P x 140MM, Gr 8.8
- 616356** - Bolt, Hex Hd, 8MM x 1.25P x 150MM, Gr 8.8
- 616386** - Bolt, Hex Hd, 8MM x 1.25P x 45MM, Gr 10.9
- 616396** - Bolt, Hex Hd, 8MM x 1.25P x 75MM, Gr 8.8
- 616415** - Bolt, Hex Hd, 8MM x 1.25P x 190MM, Gr 10.9
- 616433** - Bolt, Hex Hd, 8MM x 1.25 x 110MM, Gr 8.8
- 616434** - Hex Hd, 8MM x 1.25 x 80MM, Gr 10.9
- 616435** - Hex Hd, 8MM x 1.25 x 75MM, Gr 10.9



Bolts Hex Head 10MM x 1.25P

- 616056** - Bolt, Hex Hd, 10MM x 1.25P x 35MM, Gr 8.8
- 616062** - Bolt, Hex Hd, 10MM x 1.25P x 20MM, Gr 8.8
- 616066** - Bolt, Hex Hd, 10MM x 1.25P x 50MM, Gr 8.8
- 616150** - Bolt, Hex Hd, 10MM x 1.25P x 80MM, Gr 8.8
- 616231** - Bolt, Hex Hd, 10MM x 1.25P x 130MM, Gr 8.8, 14MM Head
- 616283** - Bolt, Hex Hd, 10MM x 1.25P x 70MM, Gr 10.9



Bolts Hex Head 1/2 - 13

- 616012** - Bolt, Hex Hd, 1/2-13 x 1 3/4, Gr 5
- 616025** - Bolt, Hex Hd, 1/2-13 x 1 1/2, Gr 8
- 616036** - Bolt, Hex Hd, 1/2-13 x 1 1/2, Gr 5
- 616096** - Bolt, Hex Hd, 1/2-13 x 6 1/2, Gr 5
- 616103** - Bolt, Hex Hd, 1/2-13 x 4.00, Gr 5
- 616108** - Bolt, Hex Hd, 1/2-13 x 1 3/4, Gr 8
- 616118** - Bolt, Hex Hd, 1/2-13 x 1 1/4, Gr 5
- 616145** - Bolt, Hex Hd, 1/2-13 x 2.00, Gr 5
- 616161** - Bolt, Hex Hd, 1/2-13 x 7.00, Gr 5
- 616183** - Bolt, Hex Hd, 1/2-13 x 6.00, Gr 2, Full Thread
- 616225-17** - Bolt, Hex Hd, 1/2-13 x 5.00, Gr 5, Black Oxide
- 616263** - Bolt, Hex Hd, 1/2-13 x 2 1/2, Gr 8
- 616270** - Bolt, Hex Hd, 1/2-13 x 3 3/4, Gr 8
- 616335** - Bolt, Hex Hd, 1/2-13 x 4.1/4, Gr 5, Full Thread
- 616340** - Bolt, Hex Hd, 1/2-13 x 3.00, Gr 8
- 616377** - Bolt, Hex Hd, 1/2-13 x 2.1/4, Gr 8
- 616416** - Bolt, Hex Hd, 1/2-13 x 4.00, Gr 8
- 616418** - Bolt, Hex Hd, 1/2-13 x 4 1/2, Gr 8



Bolts Hex Head 10MM x 1.50P

- 616040** - Bolt, Hex Hd, 10MM x 1.50P x 50MM, Gr 8.8
- 616051** - Bolt, Hex Hd, 10MM x 1.50P x 55MM, Gr 8.8
- 616057** - Bolt, Hex Hd, 10MM x 1.50P x 35MM, Gr 10.9
- 616059** - Bolt, Hex Hd, 10MM x 1.50P x 50MM, Gr 10.9
- 616064** - Bolt, Hex Hd, 10MM x 1.50P x 30MM, Gr 8.8
- 616068** - Bolt, Hex Hd, 10MM x 1.50P x 25MM, Gr 8.8
- 616071** - Bolt, Hex Hd, 10MM x 1.50P x 45MM, Gr 8.8
- 616073** - Bolt, Hex Hd, 10MM x 1.50P x 60MM, Gr 8.8
- 616075** - Bolt, Hex Hd, 10MM x 1.50P x 40MM, Gr 8.8
- 616110** - Bolt, Hex Hd, 10MM x 1.50P x 40MM, Gr 10.9
- 616111** - Bolt, Hex Hd, 10MM x 1.50P x 55MM, Gr 10.9
- 616112** - Bolt, Hex Hd, 10MM x 1.50P x 25MM, Gr 10.9
- 616115** - Bolt, Hex Hd, 10MM x 1.50P x 65MM, Gr 8.8
- 616117** - Bolt, Hex Hd, 10MM x 1.50P x 75MM, Gr 8.8
- 616148** - Bolt, Hex Hd, 10MM x 1.50P x 90MM, Gr 8.8
- 616152** - Bolt, Hex Hd, 10MM x 1.50P x 100MM
- 616153** - Bolt, Hex Hd, 10MM x 1.50P x 20MM, Gr 8.8
- 616188** - Bolt, Hex Hd, 10MM x 1.50P x 80MM, Gr 10.9
- 616201** - Bolt, Hex Hd, 10MM x 1.50P x 120MM, Gr 8.8
- 616206** - Bolt, Hex Hd, 10MM x 1.50P x 140MM, Gr 8.8

- 616226-06** - Bolt, Hex Hd, 10MM x 1.50P x 40MM, Gr 8.8
- 616226-20** - Bolt, Hex Hd, 10MM x 1.50P x 110MM, Gr 8.8
- 616232** - Bolt, Hex Hd, 10MM x 1.50P x 70MM, Gr 8.8
- 616269** - Bolt, Hex Hd, 10MM x 1.50P x 110MM, Gr 10.9
- 616275** - Bolt, Hex Hd, 10MM x 1.50P x 90MM, Gr 10.9
- 616277** - Bolt, Hex Hd, 10MM x 1.50P x 140MM, Gr 10.9
- 616279** - Bolt, Hex Hd, 10MM x 1.50P x 150MM, Gr 10.9
- 616305** - Bolt, Hex Hd, 10MM x 1.50P x 45MM, Gr 10.9
- 616307** - Bolt, Hex Hd, 10MM x 1.50P x 70MM, Gr 8.8, Full Thread
- 616345** - Bolt, Hex Hd, 10MM x 1.50P x 130MM, Gr 10.9
- 616346** - Bolt, Hex Hd, 10MM x 1.50P x 130MM, Gr 8.8 Full Thread
- 616409** - Bolt, Hex Hd, 10MM x 1.50P x 60MM, Gr 10.9
- 616412** - Bolt, Hex Hd, 10MM x 1.50P x 35MM, Gr 8.8
- 616436** - Hex Hd, 10MM x 1.50 x 100MM, Gr 10.9
- 616437** - Hex Hd, 10MM x 1.50 x 75MM, Gr 10.9



Bolts Hex Head 1/2 - 20

- 616136** - Bolt, Hex Hd, 1/2-20 x 1 3/4, Gr 8
- 616159** - Bolt, Hex Hd, 1/2-20 x 1.00, Gr 5
- 616181** - Bolt, Hex Hd, 1/2-20 x 1 1/4, Gr 5
- 616220** - Bolt, Hex Hd, 1/2-20 x 1 1/2, Gr 5
- 616239** - Bolt, Hex Hd, 1/2-20 x 2.00, Gr 5
- 616250** - Bolt, Hex Hd, 1/2-20 x 2 1/4, GR 8
- 616299** - Bolt, Hex Hd, 1/2-20 x 2 1/2, Gr 8
- 616398** - Bolt, Hex Hd, 1/2-20 x 4 1/2 Gr 5
- 616402** - Bolt, Hex Hd, 1/2-20 x 5 1/2, Gr 5

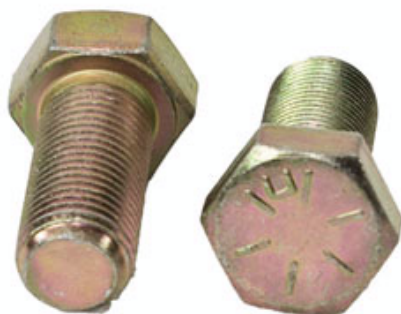


Bolts Hex Head 1/4 - 20

- 616002** - Bolt, Hex Hd, 1/4-20 x 1, Gr 5
- 616003** - Bolt, Hex Hd, 1/4-20 x 5/8, Gr 5
- 616019** - Bolt, Hex Hd, 1/4-20 x 3/4, Gr 5
- 616084** - Bolt, Hex Hd, 1/4-20 x 1 1/2, Gr 5
- 616087** - Bolt, Hex Hd, 1/4-20 x 1 1/4, Gr 5
- 616173** - Bolt, Hex Hd, 1/4-20 x 1, GR 8
- 616191** - Bolt, Hex Hd, 1/4-20 x 1/2, GR 8
- 616301** - Bolt, Hex Hd, 1/4-20 x 3/4, SS
- 616302** - Bolt, Hex Hd, 1/4-20 x 5/8, SS
- 616303** - Bolt, Hex Hd, 1/4-20 x 1, SS

**Bolts Hex Head 12MM x 1.25**

- 616198** - Bolt, Hex Hd, 12MM x 1.25P x 45MM, Gr 8.8, Plain Fin
- 616199** - Bolt, Hex Hd, 12MM x 1.25P x 35MM, Gr 8.8
- 616237** - Bolt, Hex Hd, 12MM x 1.25P x 50MM, Gr 12.9
- 616291** - Bolt, Hex Hd, 12MM x 1.75P x 120MM, Gr 10.9 Reduced Shank

**Bolts Hex Head 9/16 - 18**

- 616217** - Bolt, Hex Hd. 9/16-18 x 1 1/4, Gr 8

**Bolt Carriage**

- 616080** - Bolt, Carriage, 3/8-16 x 8, 6" Thread, All Thread
- 616155** - Bolt, Carriage, 3/8-16 x 6, Gr 5, Full Thread
- 616228** - Bolt, Carriage, 3/8-16 x 4, Gr 5, Full Thread
- 616229** - Bolt, Carriage, 3/8-16 x 5, Gr 5, Full Thread



Bolts Hex Head 12MM x 1.75P

- 616195** - Bolt, Hex Hd, 12MM x 1.75P x 45MM, Gr 10.9
- 616204** - Bolt, Hex Hd, 12MM x 1.75P x 35MM, Gr 10.9
- 616212** - Bolt, Hex Hd, 12MM x 1.75P x 90MM, Gr 10.9
- 616238** - Bolt, Hex Hd, 12MM x 1.75P x 110MM, Gr 10.9
- 616241** - Bolt, Hex Hd, 12MM x 1.75P x 30MM, Gr 8.8
- 616259** - Bolt, Hex Hd, 12MM x 1.75P x 35MM
- 616266** - Bolt, Hex Hd, 12MM x 1.75P x 120MM, Gr 10.9
- 616276** - Bolt, Hex Hd, 12MM x 1.75P x 20MM, Gr 10.9
- 616292** - Bolt, Hex Hd, 12MM x 1.75P x 80MM, Gr 10.9
- 616315** - Bolt, Hex Hd, 12MM x 1.75P x 55MM, Gr 10.9
- 616357** - Bolt, Hex Hd, 12MM x 1.75P x 180MM, Gr 8.8
- 616419** - Bolt, Hex Hd, 12MM x 1.75P x 65MM, Gr 8
- 616423** - Bolt, Hex Hd, 12MM x 1.75P x 150MM, Gr 12.9



Bolts Hex Head 14MM x 2.0P

- 616242** - Bolt, Hex Hd, 14MM x 2.0P x 50MM, Gr 10.9
- 616306** - Bolt, Hex Hd, 14MM x 2.0P x 55MM, Gr 10.9



Bolts Socket Head

- 616197** - Bolt, Socket Hd, 8MM x 1.25P x 25MM, Gr 12.9
- 616223** - Bolt, Socket Hd, 10MM x 1.50P x 45MM, Gr 12.9
- 616230-03** - Bolt, Screw Low Hd Socket , 10MM x 1.50P x 25MM, Gr 10.9
- 616260** - Bolt, Socket Hd, 5/16-24 x 1, Gr 8
- 616265** - Bolt, Socket Hd, 10MM x 1.50P x 25MM, Gr 12.9
- 616289** - Bolt, Socket Hd, 10MM x 1.50P x 110MM, Gr 12.9
- 616294** - Bolt, Socket Hd, 10MM x 1.50P x 30MM, Gr 12.9
- 616319** - Bolt, Socket Hd, 10MM x 1.50P x 65MM
- 616326** - Bolt, Socket Hd, 14MM x 2.00P x 50MM, Gr 12.6

616327	- Bolt, Screw, Low Hd Socket, 6MM x 1.00P x 20MM
616329	- Bolt, Screw, Low Hd Socket, 3/8-20 x 1 1/2
616336	- Bolt, Socket Hd, 3/8-24 x 1 1/2, Gr 5
616337	- Bolt, Socket Hd, 3/8-24 x 7/8, Gr 5
616338	- Bolt, Socket Hd, 3/8-24 x 1, Gr 5
616348	- Bolt, Socket Hd, Low Hd, M8 x 1.25 x 16MM, Gr 8.8, Full Thread
616358	- Bolt, Low Hd Socket, 8MM x 1.25P x 20MM
616360	- Bolt, Socket Hd Shoulder, 12MM x 12MM, 10MM x 1.50P, Gr12.9
616365	- Bolt, Socket Hd, Low Hd, M8 x 1.25 x 10MM, Gr 8.8
616370	- Bolt, Socket Hd, 8MM x 1.25P x 110MM, Gr 8.8
616374	- Bolt, Button Hd, 3/8 -16 x 1.50, Gr 8
616387	- Bolt, Socket Hd, 8MM x 1.25P x 30MM, Gr 8.8
616388	- Bolt, Socket Hd, 8MM x 1.25P x 30MM, Gr 10.9
616391	- Bolt, Socket Hd, 12MM x 1.75P x 70MM, Gr 12.9
616393	- Bolt, Socket Hd, 8MM x 1.25P x 50MM, Gr 12.9
616403	- Bolt, Socket Hd, 14MM x 1.50P x 45 MM, GR 12.9
616405	- Bolt, Socket Hd, 8MM x 1.25P x 55MM, Gr 12.9
616420	- Bolt, Socket Hd, 8MM x 1.25P x 180MM, Gr 12.9
616421	- Bolt, Socket Hd, 10MM x 1.50P x 180MM, Gr 12.9
616422	- Bolt, Socket Hd, 10MM x 1.50P x 40MM
616424	- Bolt, Screw, Low Hd Socket, 6MM x 1.00P x 16MM
616427	- Bolt, Socket Hd, 12MM x 1.75P x 90MM, Gr 12.9
616428	- Bolt, Socket Hd, 8MM x 1.25P x 90MM, Gr 12.9
616429	- Bolt, Socket Hd, Low Hd, 1/4" X 20 X 1/2"
619115	- Screw, Button Hd Cap, 8MM x 1.25P x 30MM, Class 10.9
619116	- Screw, Button Hd Cap, 8MM x 1.25P x 50MM, Class 10.9



Bolt Truss Head

616321 - Bolt, Slotted Truss Hd, 3/8-16, 18-8 SS



Bolts Hex Head 5/16 - 18

616004 - Bolt, Hex Hd, 5/16-18 x 3/4, Gr 5

616005 - Bolt, Hex Hd, 5/16-18 x 1, Gr 5

616006 - Bolt, Hex Hd, 5/16-18 x 1, Gr 8

616095 - Bolt, Hex Hd, 5/16-18 x 2 3/4, Gr 8

616105 - Bolt, Hex Hd, 5/16-18 x 1 1/4, Gr 8

616135 - Bolt, Hex Hd, 5/16-18 x 1 1/2, Gr 8

616139 - Bolt, Hex Hd, 5/16-18 x 2, Gr 8

616203 - Bolt, Hex Hd, 5/16-18 x 4.00, Gr 8

616244 - Bolt, Hex Hd, 5/16-18 x 2 1/2, Gr 8

616252 - Bolt, Hex Hd, 5/16-18 x 2 1/4, Gr 8

616322 - Bolt, Hex Hd, 5/16-18 x .50, Gr 5

616324 - Bolt, Hex Hd, 5/16-18 x 3.00, Gr 8

616373 - Bolt, Hex Hd, 5/16-18 x 5/8, Gr 5

616399 - Bolt, Hex Hd, 5/16-18 x 2 1/2, Full Thread, Gr 5

616426 - Bolt, Hex Hd, 5/16-18 x 4.00, Full Thread



Bolts Hex Head 6MM - 1.00P

616072 - Bolt, Hex Hd, 6MM x 1.00P x 20MM, Gr 8.8

616160 - Bolt, Hex Hd, 6MM x 1.00P x 40MM, Gr 8.8

616162 - Bolt, Hex Hd, 6MM x 1.00P x 30MM, Gr 8.8

616174 - Bolt, Hex Hd, 6MM x 1.00P x 60MM, Gr 8.8

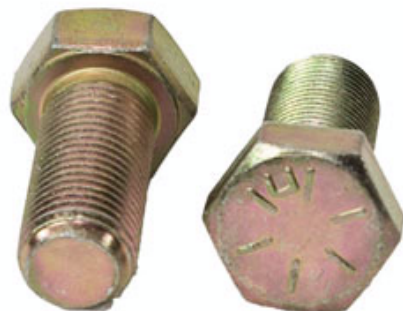
616325 - Bolt, Hex Hd, 6MM x 1.00P x 8MM, Gr 8.8

616364 - Bolt, Hex Hd, 6MM x 1.00P x 16MM, Gr 10.9,
10MM Hex



Bolt Tee

616333 - Bolt, Tee, 3/8-16 UNC x 2.00, Full Thread Phosphated



Bolts Hex Head 5/8 - 11

616272 - Bolt, Hex Hd, 5/8-11 x 3 1/4, Gr 5

616351 - Bolt, Hex Hd, 5/8-11 x 2 1/2, Gr 8

616389 - Bolt, Hex Hd, 5/8-11 x 5.00, Gr 9



Bolts Hex Head Flange

616309 - Bolt, Hex Hd Flange, 10MM x 1.50P x 35MM, Gr 10.9

616361 - Bolt, Hex Hd Flange, 8MM x 1.25P x 65MM, Gr 8.8 Phosphated

616362 - Bolt, Hex Hd Flange, 8MM x 1.25P x 55MM, Gr 8.8, 10MM HexHd,

616363 - Bolt, Hex Hd Flange, 8MM x 1.25P x 30MM, Gr 8.8 10MM Hex Hd

616366 - Bolt, Hex Hd Flange, 8MM x 1.25P x 80MM, Gr 8.8

616367 - Bolt, Hex Hd Flange, 8MM x 1.25P x 40MM, Gr 8.8

616371 - Bolt, Hex Hd Flange, 8MM x 1.25P x 70MM, Gr 8.8

616385 - Bolt, Hex Hd Flange, 8MM x 1.25P x 45MM

616390 - Bolt, Hex Hd Flange, 10MM x 1.50P x 50MM, Gr 8

616395 - Bolt, Hex Hd Flange, 10MM x 1.50P x 40MM, Gr 10.9

616400 - Bolt, Hex Hd Flange, 10MM x 1.50P x 25MM, Gr 8.8

616407 - Bolt, Hex Hd Flange, 12MM x 1.75 x 90MM, Gr 10.9

616408 - Bolt, Hex Hd Flange, 10MM x 1.50P x 90MM, Gr 10.9

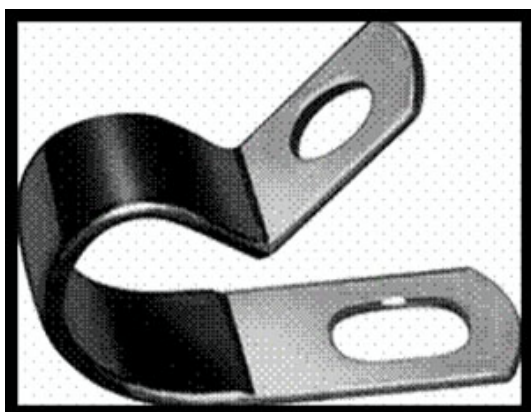
616410 - Bolt, Hex Hd Flange, 10MM x 1.50P x 45MM, Gr 10.9

**Bolts Hex Head 16MM x 1.50P****616354** - Bolt, Hex Hd, 16MM x 1.50P x 335MM, Gr 8.8**616406** - Bolt, Hex Hd, 16MM x 1.50P x 85MM, Gr 12.9**Bolt Crank****616411** - Bolt, Crank Pulley, GM5500 Duramax**Bolts Hex Head 3/8 - 24****616133** - Bolt, Hex Hd, 3/8-24 x 2.00, Gr 8**616414** - Bolt, Hex Hd, 3/8-24 x .75, Gr 5



Worm Gear

- 611001** - Worm Gear, 1-13" - 3" ID (#40)
- 611002** - Worm Gear, .75" - 1" ID (#20)
- 611003** - Worm Gear, .31" - .75" ID (#6)
- 611004** - Worm Gear, 1.31" - 2" ID (#20)
- 611005** - Worm Gear, 3.13" - 6" ID (#88)
- 611008** - Worm Gear, .25" - .63" ID (#4)
- 611017** - Worm Gear, 1.63" - 2" ID (#28)
- 611039** - Worm Gear, 4.0" - 7" ID (#104)
- 611065** - Worm Gear, .6878" - 1.25" ID (#12)



Clamps "P"

- 611012** - P-Clamp, Insulated, 0.625"
- 611013** - P-Clamp, Insulated, .050"
- 611016** - P-Clamp, Insulated, 0.875"
- 611026** - P-Clamp, Insulated, 0.75"
- 611027** - P-Clamp, Insulated, 2.00"
- 611033** - P-Clamp, Insulated, 1.25"
- 611044** - P-Clamp, Insulated, 2.25"
- 611045** - P-Clamp, Insulated, 0.375"
- 611047** - P-Clamp, Insulated, 1.75"
- 611050** - P-Clamp, Insulated, 1.50"
- 611055** - P-Clamp, Insulated, 3.00"



- 611062** - Clamp, Spring Hose 15/16" Wide Band
- 611063** - Clamp, Spring Hose 1 1/16" Wide Band



Hex Nut

- 618007** - Nut, Hex, 1/4"-28
- 618010** - Nut, Hex, #10-32
- 618012** - Nut, Hex, 5/16"-18
- 618015** - Nut, Hex, 3/8"-16, UNC
- 618016** - Nut, Hex, 1/2"-13
- 618017** - Nut, Hex, 7/16"-14
- 618018** - Nut, Hex, 8MM x 1.25P
- 618019** - Nut, Hex, 10MM x 1.25P
- 618020** - Nut, Hex, 10MM x 1.50P
- 618021** - Nut, Hex, #8-32
- 618022** - Nut, Hex, 5/8"-11, Gr 2
- 618024** - Nut, Hex, 1/4"-20
- 618025** - Nut, Hex, 5/8"-18
- 618026** - Nut, Hex, 5/16"-24
- 618028** - Nut, Hex, 1/2"-20
- 618032** - Nut, Hex, 3/8"-24
- 618041** - Nut, Hex, 12MM x 1.25P
- 618044** - Nut, Hex, 3/8"-16, Gr 8



Hex Lock Nut

- 618011** - Nut, Hex, Lock, Keps, #10-32, UNC
- 618014** - Nut, Hex, Lock, Keps, #8-32
- 618045** - Nut, Hex, Lock, Keps, #6-32
- 618049** - Nut, Hex, Lock, Keps, #10-24
- 618059** - Nut, Hex, Lock, Keps, 5MM
- 618089** - Nut, Hex, Lock, Keps, 8MM-1.25



Hex Jam Nut

- 618042** - Nut, Hex, Jam, 5/8"-11, Gr 2, Pltd
- 618054** - Nut, Hex, Jam, 1/2"-13, Gr A, Pltd
- 618088** - Nut, Hex, Jam, 3/8"-24, Gr 8



Tinnerman Nut

- 618055** - Nut, Tinnerman, 1/4-20



Rubber Wellnut

618057 - Wellnut, Rubber, 8-32, 1/64 - 5/32 Grip



Coupling Nut

618062 - Nut, Coupling, .500-13 x 1.25 Long



Esna Lock Nut

- 618001** - Nut, Hex, Lock, ESNA, 1/4"-20
- 618002** - Nut, Hex, Lock, ESNA, 5/16"-18
- 618003** - Nut, Hex, Lock, ESNA, 3/8"-16
- 618004** - Nut, Hex, Lock, ESNA, 7/16"-16
- 618005** - Nut, Hex, Lock, ESNA, 1/2"-13
- 618006** - Nut, Hex, Lock, ESNA, 5/8"-18
- 618023** - Nut, Hex, Lock, ESNA, #10-32
- 618029** - Nut, Hex, Lock, ESNA, 5/8"-11
- 618033** - Nut, Hex, Lock, ESNA, #8-32
- 618039** - Nut, Hex, Lock, ESNA, 6MM - 1.0P
- 618048-06** - Nut, Hex, Lock, ESNA, 10MM - 1.50P
- 618052** - Nut, Hex, Lock, ESNA, #6-32
- 618068** - Nut, Hex, Lock, ESNA, 10MM - 1.25P
- 618070** - Nut, Hex, Lock, ESNA, 8MM - 1.25P
- 618075** - Nut, Hex, Lock, ESNA, #4-40
- 618079** - Nut, Hex, Lock, ESNA, 12MM x 1.75P
- 618090** - Nut, Hex, Lock, ESNA, 5/8"-11, Gr 8



Camtainer Nut

618076 - Nut, Camtainer, .312-18 x .38



Hex Flange Nut

618078 - Nut, Hex Flange, M8-1.25, DIN 6923 Cl 8/10



Pop Rivet Open End

619076	-	Pop Rivet Open End, 3/16 Dia. x 3/4 Grip, Steel
AD42ABS160	-	Pop Rivet Open End, 1/8 Dia. x 1/16-1/8 Grip, Aluminum, White
AD42ABS272	-	Pop Rivet Open End, 1/8 Dia. x 1/16-1/8 Grip, Aluminum, Gray
AD43ABS	-	Pop Rivet Open End, 1/8 Dia. x 3/16 Grip, Aluminum
AD46ABS	-	Pop Rivet Open End, 1/8 Dia. x 3/8 Grip, Aluminum
AD64ABS	-	Pop Rivet Open End, 3/16 Dia. x 1/4 Grip, Aluminum
AD66ABS	-	Pop Rivet Open End, 3/16 Dia. x 3/8 Grip, Aluminum
AD8625UGX	-	Pop Rivet Open End, 1/4 Dia. x 5/64-5/8 Grip, Aluminum, Dome Head
ADS66ABS	-	Pop Rivet Open End, 3/16 Dia. x 5/64-3/8 Grip, Aluminum
SD612BSLF	-	Pop Rivet Open End, 3/16 Dia. x 3/4 Grip, Large Flange, Steel Body and Stem, Dome Head
SD64BS	-	Pop Rivet Open End, 3/16 Dia. x 1/4 Grip, Steel Body and Stem, Dome Head
SD66BS	-	Pop Rivet Open End, 3/16 Dia. x 3/8 Grip, Steel Body and Stem, Dome Head
SD68BS	-	Pop Rivet Open End, 3/16 Dia. x 3.8-1/2 Grip, Dome HD, Zinc
SD86BS	-	Pop Rivet Open End, 1/4 Dia. x 3/8 Grip, Steel
SSD64SSBS	-	Pop Rivet Open End, 3/16 Dia. x 3/16-1/4 Grip, SS
SSD66SSBS	-	Pop Rivet Open End, 3/16 Dia. x 1/4-3/8 Grip, SS



Pop Rivet Closed End

- 616233** - Pop Rivet Closed End, 1/8 Dia. x 1/8-3/16 Grip
 - AD43H** - Pop Rivet, Closed End, 1/8 Dia. x 3/16 Grip, Aluminum
 - AD610H** - Pop Rivet Closed End, 3/16 Dia. x 1/2-5/8 Grip, Aluminum
 - SD612H** - Pop Rivet Closed End, 3/16 Dia. x 3/4 Grip, Steel
 - SD86H** - Pop Rivet Closed End, 1/4 Dia. x 3/8 Grip, Steel
 - SSD64SSH** - Pop Rivet Closed End, 3/16 Dia. x 1/4 Grip, SS
-

**Sheet Metal Screw Pan Head**

- 619021** - Screw, Pan Hd, Philips, #10 x 1/2
- 619030** - Screw, Pan Hd, Philips, #8 x 5/8
- 619033** - Screw, Pan Hd, Philips, #8 x 3/4
- 619040** - Screw, Pan Hd, Philips, #4 x 1/2, Blk
- 619055** - Screw, Pan Hd, Philips, #8 x 1.00
- 619091** - Screw, Pan Hd, Philips, #8 x 1/4, SS
- 619101** - Screw, Pan Hd, Philips, #8 x 3/4, Blk
- 619135** - Screw, Pan Hd, Philips, #10 x 1.00

**Machine Screw Round Head**

- 619035** - Screw, Round Hd, Philips, #6 x 3/8
- 619043** - Screw, Round Hd, Philips, #8-32 x 1
- 619056** - Screw, Round Hd, Philips, #10-32 x 2

**Screw Truss Head**

- 619052** - Screw, Truss Hd, #10-32 x 1/2
- 619053** - Screw, Truss Hd, #10-32 x 5/8
- 619084** - Screw, Truss Hd, #10-24 x 5/8
- 619088** - Screw, Truss Hd, #8-32 x 1/2
- 619089** - Screw, Truss Hd, #8-32 x 3/8



Sheet Metal Screw Pan Head Self Drilling

- 619059** - Screw, Pan Hd, #8 x 1/2, Philips, Self Drilling
- 619078** - Screw, Pan Hd, #8 x 1/2, Philips, Self Drilling
- 619100** - Screw, Pan Hd, #8 x 1/2, Philips, Self Drilling
Blk
- 619105** - Screw, Pan Hd, #10 x 1 1/4, Philips, Self
Drilling
- 619109** - Screw, Pan Hd, #10 x 3/4, Philips, Self Drilling
- 619111** - Screw, Pan Hd, #10 x 5/8, Philips, Self Drilling
- 619113** - Screw, Pan Hd, #6 x 1/2, Philips, Self Drilling,
Blk Zinc
- 619121** - Screw, Pan Hd, #8 x 1/2, Philips, Self Drilling,
SS
- 619122** - Screw, Pan Hd, #8 x 1/2, Philips, Self Drilling,
Blk Oxide
- 619125** - Screw, Pan Hd, #6 x 5/8, Philips, Self Drilling
- 619128** - Screw, Pan Hd, #12 x 3/4, Philips, Self Drilling,
Blk
- 619130** - Screw, Pan Hd, #10 x 1.00, Philips, Self Drilling
- 619138** - Screw, Pan Hd, #10 x 3/4, Philips, Self Drilling,
Blk
- 619139-01** - Screw, Pan Hd, #10 x 3/4, Philips, Self Drilling,
Spring White
- 619139-02** - Screw, Pan Hd, #10 x 3/4, Philips, Self Drilling,
Gray
- 619139-03** - Screw, Pan Hd, #10 x 3/4, Philips, Self Drilling,
White



Sheet Metal Screw Truss Head

- 619005** - Screw, Truss Hd, Philips, #10 x 3/4
- 619010** - Screw, Truss Hd, Philips, #10 x 1/2, Self Tapping
- 619123** - Screw, Truss Hd, Philips, #10 x 3/8



Sheet Metal Screw Hex Washer Head

- 619020** - Screw, Hex Washer Hd, Non-Slotted, #14 x 3/4
- 619066** - Screw, Hex Washer Hd, Slotted, #14 x 3/4, Drill Point
- 619124** - Screw, Hex Washer Hd, Non-Slotted, #10 x 1/2, Drill Point
- 619136** - Screw, Hex Washer Hd, Slotted, #10 x 1/2, Slotted, SS



Machine Screw Hex Head

- 619031** - Screw, Hex Hd, Cap, 5/16-18 x 1, Gr 8
- 619064** - Screw, Hex Hd, 1/4-20 x 3/4
- 619070** - Screw, Hex Hd, #10-24 x 1.00, Slotted Thread Cutting
- 619071** - Screw, Hex Hd, #10-24 x 1/2, Slotted, Thread Cutting
- 619077** - Screw, Hex Hd, #10-32 x 7/8, SS
- 619078** - Screw, Hex Hd, #10-32 x 1.00, SS
- 619079** - Screw, Hex Hd, #10-32 x 1/2, SS
- 619108** - Screw, Hex Hd, #10-32 x 5/8, SS
- 619131** - Screw, Hex Hd, 10-32 x 5/8, w/Washer
- 619137** - Screw, Hex Hd, #8-32 x 1/2, Slotted, w/ Washer SS
- 619141** - Screw, Hex Hd, M4 x .7 x 6MM, Stainless Steel
- 619142** - Screw, Hex Hd, M4 x .7 x 8MM, SS

Note: 619070 & 619071 Slotted not shown in picture



Machine Screw Torx Head

- 619143** - Screw, Button Hd Torx, M4 X 8MM, w/ Self-Locking Patch, SS
- 619144** - Screw, Button Hd Torx, M4 x 6MM, SS w/Self-Locking Patch
- 619146** - Screw, Button Hd Torx, M4 X 8MM, w/ Self-Locking Patch
- 619147** - Screw, Button Hd Torx, M4 X 6MM, w/ Self-Locking Patch



Machine Screw Pan Head

- 619002** - Screw, Pan Hd, #10-32 x 3/4
- 619011** - Screw, Pan Hd, #8-32 x 1/4
- 619012** - Screw, Pan Hd, #8-32 x 5/8
- 619015** - Screw, Pan Hd, #8-32 x 3/4
- 619026** - Screw, Pan Hd, #10-32 x 5/8
- 619027** - Screw, Pan Hd, #10-32 x 1/2
- 619028** - Screw, Pan Hd, #8-32 x 5/8, SS
- 619036** - Screw, Pan Hd, #10-32 x 1.00
- 619038** - Screw, Pan Hd, #8-32 x 3/8
- 619039** - Screw, Pan Hd, #10-32 x 1 1/4
- 619047** - Screw, Pan Hd, #8-32 x 1/2
- 619058** - Screw, Pan Hd, 1/4-20 x 1 1/2
- 619067** - Screw, Pan Hd, #6-32 x 1/2
- 619069** - Screw, Pan Hd, #6-32 x 5/8
- 619080** - Screw, Pan Hd, #8-32 x 5/8, Self Tapping
- 619081** - Screw, Pan Hd, #10-32 x 3/8, SS
- 619083** - Screw, Pan Hd, #6-32 x 3/4
- 619086** - Screw, Pan Hd, #10-24 x 5/8
- 619097** - Screw, Pan Hd, #6-32 x 3/8
- 619102** - Screw, Pan Hd, #10-24 x 3/4
- 619117** - Screw, Pan Hd, #4-40 x 1/2
- 619126** - Screw, Pan Hd, #8-32 x 1/2, SS
- 619127** - Screw, Pan Hd, #10-24 x 1/2, SS
- 619132** - Screw, Pan Hd, #6-32 x 1.00
- 619133** - Screw, Pan Hd, #8-32 x 3/8, Blk
- 619140** - Screw, Pan Hd, #10-24 x 3/8, SS
- 619145** - Screw, Pan Hd, #4-40 X .25, w/ Ext. Tooth Washer, SS

There are currently no parts in this sub-category



Washer Fender

- 617029** - Washer, Fender, 1/2" ID x 2 " OD
- 617036** - Washer, Fender, 3/8" ID x 1 1/2" OD
- 617038** - Washer, Fender, 7/16" ID x 2" OD
- 617089** - Washer, Fender, 3/8", SS
- 617090** - Washer, Fender, 5/16", 11/32" ID x 1 1/4" OD x .047 Thk



Washer Lock External Tooth

- 617026** - Washer, Lock, #10, External Tooth
- 617028** - Washer, Lock, 1/4", External Tooth
- 617037** - Washer, Lock, #8, External Tooth
- 617062** - Washer, Lock, 1/4", External Tooth, SS
- 617092** - Washer, Lock, 4MM External Tooth



Washer Flat

- 617001** - Washer, Flat, 1/4", Type A Wide, Hardened
- 617003** - Washer, Flat, 5/16", Type A Wide
- 617004** - Washer, Flat, 3/8", Type A Wide, Hardened
- 617005** - Washer, Flat, 1/2", Type A Wide, Hardened
- 617006** - Washer, Flat, #10, USS, .56" OD x .25" ID
- 617007** - Washer, Flat, #10, Brass
- 617014** - Washer, Flat, 5/8", Heavy Structural, Plain
- 617016** - Washer, Flat, 7/16", Type A Wide, Hardened
- 617018** - Washer, Flat #6, USS
- 617019** - Washer, Flat, #10, SAE, .5" OD x .22" ID
- 617023** - Washer, Flat, 7/16", Type A, Hardened
- 617027** - Washer, Flat, 5/8", Type A Wide, Hardened
- 617032** - Washer, Flat, #8, SAE, Steel
- 617034** - Washer, Flat, 10MM
- 617040** - Washer, Flat, 3/8", Type A, Hardened
- 617045** - Washer, Flat, 5/8", Type A, Hardened
- 617048** - Washer, Flat, 1/2" Bolt Size, Hardened, 1-1/8" OD x 17/32" ID x 1/8" Thk
- 617053** - Washer, Flat, .75" x 2.00" x .06" Thk
- 617054** - Washer, Flat, 7/16" Extra Thick, Gr 8, Approx .125 Thk
- 617059** - Washer, Flat, 1/4", Type A, Hardened
- 617060** - Washer, Flat, #8 Type B, Wide
- 617061** - Washer, Flat, 1/4", Narrow SS
- 617064** - Washer, Flat, 8MM, 8.4MM ID x 16MM OD
- 617065** - Washer, Flat, 12MM, 13MM ID x 24MM OD

- 617067** - Washer, Flat, 14MM, 15MM ID x 28MM OD
- 617069** - Washer, Flat, 6MM, 6.4MM ID x 12MM OD
- 617072** - Washer, Flat, #4, SAE, 5/16" OD x 1/8" ID
- 617073** - Washer, Flat, 8MM, 8.4MM ID x 22MM OD, Extra Thick
- 617076** - Washer, Flat, 16MM, 17MM ID x 30MM OD
- 617082** - Washer, Flat, 5/16" Type B, Narrow
- 617086** - Washer, Flat, 9/16", Narrow
- 617091** - Washer, Flat, 8MM ID x 16MM OD x 3MM Thk
- 617093** - Washer, Flat, 4MM, SS



Washer Split Lock

- 617008** - Washer, Split Lock, 1/4", High Alloy Stl
- 617009** - Washer, Split Lock, 3/8", High Alloy Stl
- 617010** - Washer, Split Lock, #10
- 617015** - Washer, Split Lock, 5/16", High Alloy Stl
- 617017** - Washer, Split Lock, 7/16", High Alloy Stl
- 617020** - Washer, Split Lock, 1/2", High Alloy Stl
- 617021** - Washer, Split Lock, 8MM,
- 617022** - Washer, Split Lock, 10MM
- 617033** - Washer, Split Lock, 5/16"
- 617042** - Washer, Split Lock, 12MM
- 617044** - Washer, Split Lock, 14MM
- 617047** - Washer, Split Lock, #10, Grade 8
- 617058** - Washer, Split Lock, 16MM
- 617068** - Washer, Split Lock, #8
- 617075** - Washer, Split Lock #6



Washer, Special

- 617066** - Washer, Flat, Nylon, #10, .195" ID x .375" OD
- 617081** - Washer, Neoprene, #10, 0.17" x 0.50" x .093 Thk, Flame and Oil Resistant
- 617082** - Washer, Flat, 5/16" Type B, Narrow
- 617088** - Washer, Rubber, .74 ID, 1.5" OD, .1" Thk
- 617094** - Washer, Rubber, .25" ID X 1.44" OD

Hoses

There are currently no parts in this sub-category

**312040** - Hose, Heater, 1" ID**31980404** - Hose, Heater, 90, .62 ID x .62 ID**31987611** - Hose, Heater, 90, .75 x .62 ID**3187663** - Hose, Heater, 90, .62 ID



319015 - Hose, Turbocharger, 3.0 ID x 6.0 Lg, Ring
Retained

Interior Trim



814021 - Black "D" Seal, .695" X .695" w/45 Deg.
extension, self sticking



- | | |
|------------------|---|
| 814001 | - 3/32" Black single edge trim w/fine pebble texture |
| 814002 | - 3/16" Black double lock edge trim w/leather texture |
| 814003 | - 3/32" White single lock edge trim w/coarse pebble texture |
| 814011 | - 5/16" Black double lock edge trim w/leather texture |
| 814018 | - 3/32" Tan edge trim w/course texture |
| 814019 | - 3/32" Grey edge trim w/sand texture |
| 814019-01 | - 3/32" Light beige edge trim w/course texture |
| 814019-03 | - 3/32" White edge trim w/sand texture |
| 814024 | - 3/32" Off-White edge trim w/course texture |
| 814026 | - 3/16" White edge trim w/course texture |
-



- 814016** - 1/16 Black edge trim w/pebble texture; w/ 3/8 O.D. EPDM black bulb on top
 - 814020** - 1/16 Black edge trim w/pebble texture; w/3/4 O.D. EPDM black bulb on top
 - 814027** - 3/16 Edge trim; White w/pebble texture; w/3/8 O.D. EPDM black bulb on top
 - 814028** - 1/16 Black edge trim w/pebble texture; w/7/16 O.D. EPDM black bulb on non - locking side
 - 814029** - 1/16 Black edge trim w/pebble texture; w/5/8 O.D. EPDM black bulb on top
 - 814030-01** - Trim Seal, 1/8 Light beige trim w/ pebble texture; 3/8 Sponge rubber bulb on top
 - 814030-04** - Trim Seal, 1/8 Black trim w/ pebble texture; 3/8 Sponge rubber bulb on top
-



2021513-01 - Cover, Hose, Corner, Spring White

2021513-02 - Cover, Hose, Corner, Gray

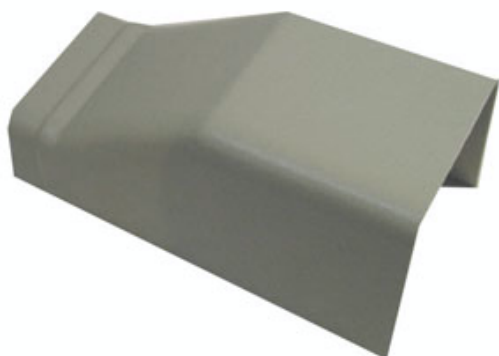
2021513-03 - Cover, Hose, Corner, White



2021514-01 - Cover, Hose, Transition, Spring White

2021514-02 - Cover, Hose, Transition, Gray

2021514-03 - Cover, Hose, Transition, White



501003-01 - Cover, Hose Transition, ABS Spring White

501003-02 - Cover, Hose Transition, ABS, Gray

501003-03 - Cover, Hose Transition, ABS, White



501005 - Cover, Hose, back



501078-01 - Cover, Hose, Inside, Spring White

501078-02 - Cover, Hose, Inside, Gray

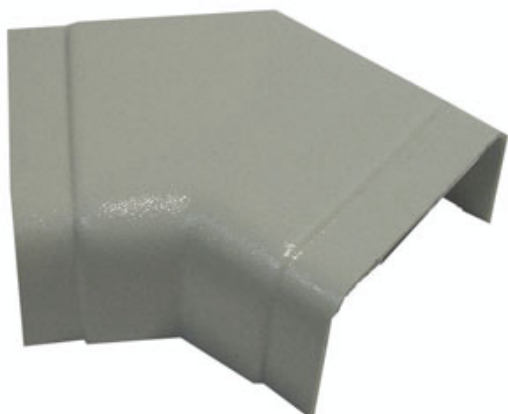
501078-03 - Cover, Hose, Inside, White



501079-01 - Cover, Hose, Outside, Spring White

501079-02 - Cover, Hose, Outside, Gray

501079-03 - Cover, Hose, Outside, White



501178-01 - Cover, Hose, 45, Transition, ABS Spring White

501178-02 - Cover, Hose, 45, Transition, ABS Gray

501178-03 - Cover, Hose, 45, Transition, ABS White

501178-04 - Cover, Hose, 45, Transition, ABS Astro White



501288-01 - Cover, Drain Hose, Spring White

501288-02 - Cover, Drain Hose, Gray

501288-03 - Cover, Drain Hose, 2 x 1 x 40, White



501327 - Cover, Hose



414022 - Strip, "J" Duct Mountiing

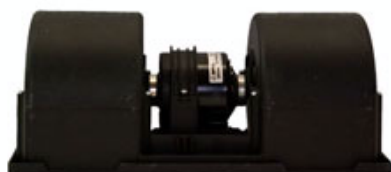
Konveкта



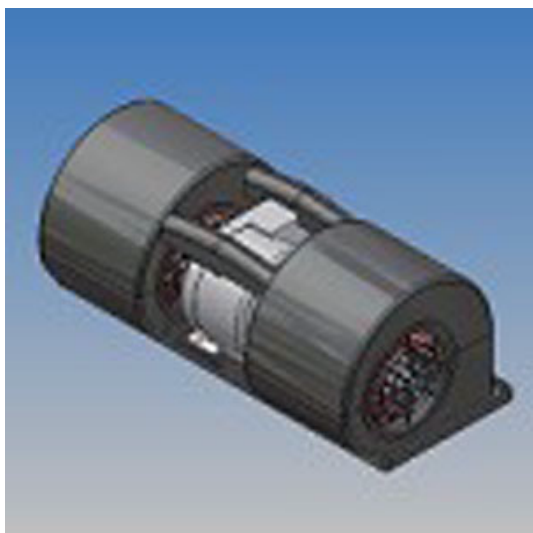
307B11AA1273 - Blower, 24 VDC, KL70T/KL80T Rooftop



307B11AA1274 - Blower, 12VDC, HKL6T Rooftop



307H11001230 - Blower, 12VDC "Derated" KL60 Rooftop



307H110022061 - Blower, 24VDC, KL60 Rooftop

307B35A12081 - Coil for DKD417



307H35012060 - Coil for DKD656





307B59AB0189 - Cover, w/Fasteners DKD417



307H14001284 - Cover Fasteners



307H55001030 - Cover, KL60C Condensor

307H59003002 - Cover, w/o Fasteners or washers DKD656



307H59003013 - Cover, KL4 Evaporator





307H11001281 - Motor, Air Flap, 24Vdc, Konvekta Rooftop



307H11003459 - Sensor, Temp, External



307H11003460 - Sensor, Temp, Return Air and Duct



307H11005401 - Switch, Controller, KS60, 12VDC

307H11005402 - Switch, Controller, KS60, 24VDC Konvekta



307H11005440 - Controller, KS30, 12Vdc, Konvekta



307H11002319 - Switch, Low Pressure

307H11002320 - Switch, High Pressure

307H14002075 - Valve, Expansion, HKL6T/KL60/LK80T
Rooftop



307H14002080 - Valve, Expansion, KL701T



307B11AA1271 - Fan, DKD417

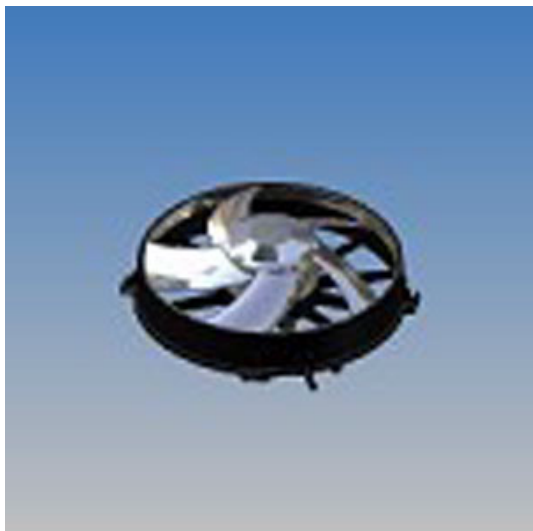


307H11001257 - Fan, Cond 24VDC, KL70T/KL80T Rooftop



307H11001271 - Fan, Cond, 12VDC, DKD656, KL60C, HKC6T, KL60 Rooftop





307H11002208 - Fan, Cond, 24VDC, KL60 Rooftop



307H14001057 - Filter, Drier, DKD417/DKD656/HKL6T



307H140010571 - Filter, Drier, KL60C



307H140010581 - Filter, Drier, KL60/KL70T/KL80T Rooftop

307BVROGRSTA001 - Grid, KL60



307BVROGRSTA004 - Grid, Return Air KL40T



307BVROGRSTA006 - Grid, Return Air KL70/KL80T



30722100080 - Air Filter, KL30T

307B14AR0495 - Air Filter, KL40T

307B56220096 - Air Filter, KL70T & 80T

307H14001442 - Air Filter, KL60

There are currently no parts in this sub-category



307H14001137 - Sight Glass, DKD656/KL60C/HKL6T



307H14001138 - Sight Glass, KL60/KL70T/KL80T Rooftop

Miscellaneous



811002 - Bushing, Snap, 3/4" ID



813019 - Cap, R134a SV, High Pressure

813020 - Cap, R134a SV, Low Pressure



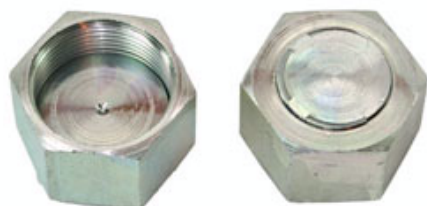
813016 - Cap, Plug, 3/4 MIO, 1 1/16-14 w/"O" Ring

813018 - Cap, Plug, 1/2 MIO, 3/4-16 w/"O" Ring

813023 - Cap, Plug, 3/8 MIO, 5/8-18 w/ "O" Ring



813025 - Plug, Button, Flush



813030 - Cap, Plug, 12 ORS, 1.38 Dia

813031 - Cap, Plug, 20 ORS, 1.88 Dia

813032 - Cap, Plug, 10 ORS, 1.12 Dia

813033 - Cap, Plug, 16 ORS, 1.62 Dia



813034 - Cap, Plastic, 20 ORS

813037 - Cap, Plastic, 10 ORS

813038 - Cap, Bypass, 5/8 ID x 1.88 Long



813040 - Cap, Low Side Charge Port, EZ Clip

813041 - Cap, High Side Charge Port EZ Clip



813042 - Plug, Connector Cavity



813044 - Plug, Snap-In, 1.50, Polyethylene, Black



813045 - Cap, Plastic, SV, HS

813046 - Cap, Plastic, SV, LS



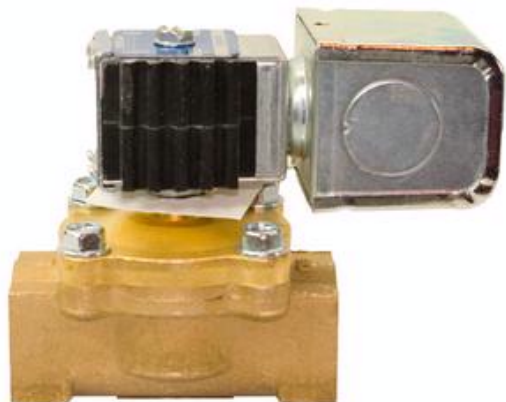


414034 - Light, Reading, Double

213023 - Water Pump, Auxiliary Booster, 12 VDC, 1" Hose Barb, Plastic Housings



213033 - Valve, Heat Shut-Off, 12 Volt



213046 - Valve, Solenoid, Water



213048 - Valve, Shut-off, Ball Type, 1/2 ODS



213049 - Valve, Water, Vacuum Actuated



213050 - Solenoid, Vacuum/Electric



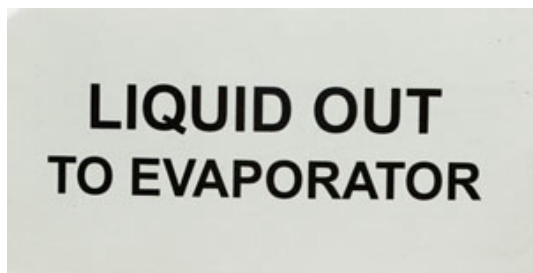
213051 - Valve, Hot Water, 4 Port



316111 - Fitting, Tee, 5/8 x 5/8 x 5/8 Barb



916007 - Label, "Hot Gas In"



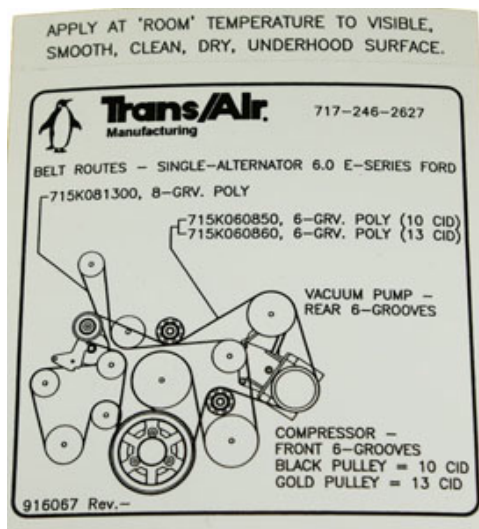
916008 - Label, "Liquid Out"



916023 - Label, R134a, "Charge/Caution"



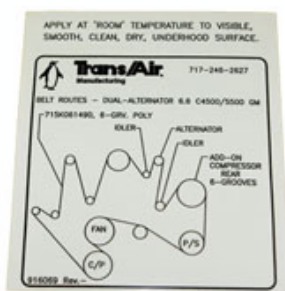
916066 - Plate, System Identification



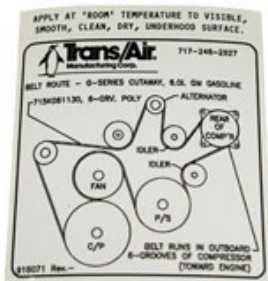
916067 - Label, 6.0 Ford Single Alt, 'E' Series



916068 - Label, 6.0 Ford Dual Alt, 'E' Series



916069 - Label, 6.6 GM Dual Alt, 'C'-Series



916071 - Label, 6.0L GM Cutaway, 'G' Series

916080 - Label, Warranty Registration





- 119001** - Loom, Plastic, .62, Slit, High Temp
- 119002** - Loom, Plastic, 0.50, Slit, High Temp
- 119005** - Loom, Plastic, .38, Slit, High Temp
- 119015** - Loom, Plastic, 01.00, Slit, High Temp
- 119016** - Loom, Plastic, 01.25, Slit, High Temp
- 119020** - Loom, Plastic, 5/8" Black, Slit
- 119021** - Loom, Plastic, 3/4" Black, Slit
- 119025** - Loom, Plastic, 1/4" Gray, Slit, Flame Retardant, Corrugated
- 119026** - Loom, Plastic, 2.00 Black, Slit, Flameproof
- 119029** - Loom, Slit, .88, Flame Retardant, Poly

911008 - Thread Lock, Permanent



911009 - Thread Lock, Removable





- 117001** - Tyraps, 6" Black Plastic, UV Resistant
 - 117002** - Tyraps, 14.5" Black Plastic, UV Resistant
 - 117003** - Tyraps, 3.75" Black Plastic
 - 117004** - Tyraps, 15" Heavy Duty, UV Resistant
-

No Image
Available

- 117006** - Tyraps, 4" Cable marker
-

OEM Cutaway Components



210057 - Orifice, Chev/GMC 3500, 1999-2009, All Engines



212030 - Filter/Drier with Sight glass.



212037 - Drier/Accumulator, Chev/GMC 3500, 2003-2009, All Engines



215064 - Coil, Front Evap, CHEV/GM, 1999-2009, All Engines



215068 - Foil, Condenser, CHEV/GM, 1996-2002, All Engines Except CNG



215069 - Coil, Condenser, CHEV/GM, 2002 All Engines, 2001 All Engines No CNG, 1996-2000 All Engines



512323 - Compressor, CHEV/GM, 1996-2002, All Engines



512324 - Compressor, CHEV/GM 3500, 2008-2009, 4.8ltr, 5.3ltr & 6.0ltr Engines



210056 - Orifice, Ford E-Series, 1992-2007, All Engines



212034 - Drier/Accumulator, Ford E-Series, 1997-2005, 5.4ltr & 6.8ltr Engines



212035 - Drier/Accumulator, Ford E-Series, 1997-2005, 6.0ltr Engine



215065 - Coil, Front Evap, Ford E-Series, 1997-2008, All Engines



215067 - Coil, Condenser, Ford E-Series, 1997-2003, All Engines, 2004-2005 5.4ltr & 6.0ltr Engine



512320 - Compressor, Ford, 2004-2006, 6.0ltr Engine



512321 - Compressor, Ford, 1998-2000, 7.3ltr Engine



512322 - Compressor, Ford, 2002-2003, 7.3ltr Engine



512325 - Compressor, Ford, 2001, 7.3ltr Engine

Pulley's & Idler's



4012233 - Idler, Standoff, 1.70" Tall, M10-1.5



4012267 - Idler, Standoff, 1.25" x 2.38"

4012268 - Idler, Standoff, 1.25" x 2.19" Tall, 0.44 Thru

4012271 - Idler, Standoff, 1.00" x 0.559"



401874 - Arm, Idler, 2.75" Throw x 1.1875 Non-threaded Adjusting Hole

711015 - Arm, Idler, 2.75" Throw x 1.1875 Threaded Adjusting Hole



711003 - Arm, Idler, 1.25" Throw x 1.125" High

711004 - Arm, Idler, 1.25" Throw x 2" High

711010 - Arm, Idler, 1.25" Throw x 2.125" High

711012 - Arm, Idler, 1.25" Throw x 1.375" High

711013 - Arm, Idler, 1.25" Throw x 1.25" High

711018 - Arm, Idler, 1.25" Throw x 1.875" High

711020 - Arm, Idler, 1.25" Throw x 1.50" High

711028 - Arm, Idler, 1.25" Throw x .75" High

711030 - Arm, Idler, 1.25" Throw x 1.62" High

711031 - Arm, Idler, 1.25" Throw x 1.75" High



711021 - Idler, Helical Spring, CCW Rotation



- 4012478** - Pulley, Backside Idler, 2.40" OD X 0.67" ID X 1.55" W, Dual Bearing
- 4012480** - Pulley, Backside Idler, 3.90" OD X 0.67" ID X 1.55" W
- 711007** - Pulley, Backside Idler, Flanged, 3.63" OD X 0.67" ID X .50" W
- 711023** - Pulley, Backside Idler, 2.91" OD X 0.67" ID X 1.59" W
- 711034** - Pulley, Backside Idler, 3.50" OD X 0.67" ID X 1.47" W
- 711037** - Pulley, Backside Idler, 3.40" OD X 0.67" ID X 1.55" W
- 711040** - Pulley, Backside Idler, 2.91" OD X 0.67" ID X 1.82" W
- 711041** - Pulley, Backside Idler, 2.99" OD X 0.67" ID X 1.21" W
- 711045** - Pulley, Backside Idler, 3.54" OD X 0.67" ID X 1.18" W
- 711047** - Pulley, Backside Idler, 2.99" OD X 0.67" ID X 1.45" W
- 711055** - Pulley, Backside, 90mm x 37mm Wide, 17mm Bearing ID
- 711056** - Pulley, Backside Idler, 3.54" OD X 0.67" ID X 1.18" W
- 711063** - Pulley, Backside, 70MM x 27MM Wide, 17MM Bearing ID
- 711066** - Pulley, Backside, 100MM x 28MM Wide, Single Bearing, Bearing ID 17MM, Steel
- 711071** - Pulley, Backside, 74MM x 42.6MM Wide, Double Bearing
- 711076** - Pulley, Backside, 76MM x 30.9MM Wide



- 711001** - Idler Kit, 3.64" Dual 1/2" Grv Blk Pulley
- 711005** - Idler Kit, Cast Iron Pulley, 1 Grv (1/2" -3.64 OD), w/ Shoulder Bolt and Spacer
- 711029** - Pulley, Idler, 4.00" Dia, Single 1/2" Grv, w/Bolt, Bushing Spacer



- 711024** - Pulley, Idler, 2 Grv, 0.363
- 711032** - Pulley, Idler, 2 'B' Groove, 4.50" Dia
- 711036** - Pulley, Idler, 1 Grv .50" Gr 4.00"



- 711042** - Idler, Helical Spring, CAT 3126, w/Backside Pulley



- 711043** - Idler, Helical Spring, CCW Rotation, 235 In-Lb

711044 - Idler Pulley, 8K-Grv, 76MM (2.99") Pitch

711048 - Idler Pulley, 6K-Grv, 76MM Pitch



711046 - Idler, Helical Spring Tensioner



711049 - Idler, Helical Spring, CCW Rotation, 202 In-Lb



711050 - Idler, Helical Spring, CCW, 185 In-Lb



711053 - Idler, Helical Spring, CCW, 235 In-Lb



711054 - Idler, Helical Spring, CCW Rotation, 214 In-lb



711062 - Idler, Helical Spring, CCW, Backside, 137 In Lbs



711067 - Pulley, 8K Groove, Dia. 90MM, Single Bearing, Bearing ID 17MM, Steel



711070 - Tensioner, CW, 85 LB



4011364 - Pulley, 2 Grv, "V", 5/8", 8.00 Dia, 116 Thomas



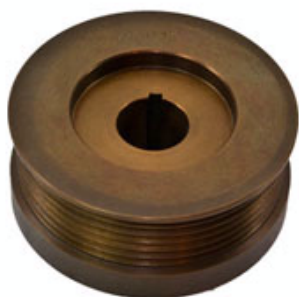
4011563 - Pulley, Alternator, .670 Dia Bore, 8K Grv, 2.300 Dia Effective, .75 Back Space



4011657 - Pulley, 2 Grv (.50), 5.9L Crank, Add-On, 8.50" Dia



4012140 - Pulley, 6 Groove, 6.4L M-B



4012333 - Pulley, Alt, 6 Grv, 3.53



4012563 - Pulley, Alt, 6K-Grv, 2.89 Pitch



4012744 - Pulley, 6 Groove, Maxxforce 7



4012812 - Pulley, 8 Groove, Maxxforce DT Crank



513145 - Pulley, Alternator, 2 'A' Grv, 3.12 Dia



513153 - Pulley, Alternator, 4.30 Pitch, 2 'A' Grv

513163 - Pulley, Alternator, 3.50 OD, 2 'A' Grv



Clamps Worm Gear

513L74290 - Pulley, 1/2" Grv, .875 Bore x 3.25 OD



513L74999 - Pulley, Alt, Dual 1/2" Grv

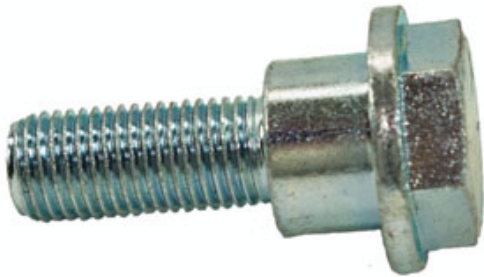




513L75880 - Pulley, Alt, Dual 1/2" Grv



513L76699 - Pulley, Dual 1/2"Grv, .875 Bore x 3.12 OD



711008 - Bolt, Shoulder, #120 for Single Pulley



711019 - Bolt, Shoulder, For 2-Grv Dual Pulley



711035 - Bolt w/Washer, Hex Hd, 8MM x 1.25 x 1.41, Bolt has Washer Attached (One Piece)



711038 - Bolt, Shoulder, For Backside Idler, 10MM Thread

Transit Compressors



710029 - Clutch Assy, 1 A Grv, 12 VDC, 8.50" Dia



710036 - Clutch Assy, Bock FK30



710037 - Clutch Assy, FK40, 4 Grv



710038 - Clutch Assy, Bock FKX40, 15 "K" Grv



- 512228** - Bitzer, 647 CC, w/Capacity control valve, No clutch
 - 512229-01** - Bitzer, 647 CC, 3 Grv, MIO, Beadlock
 - 512229-02** - Bitzer, 647 CC, 3 Grv, MIO, Clip
 - 512229-03** - Bitzer, 647CC, 3 Grv, Burgaflex
 - 512231-02** - Bitzer, 647 CC, 4 Grv, MIO, Clip
 - 512231-06** - Bitzer, 647 CC, 4 Grv, MIO, Burgaflex, EC3
 - 512233-02** - Bitzer, 647 CC, 15 Grv, MIO, Clip
 - 512233-03** - Bitzer, 647 CC, 15 Grv, MIO
 - 512235-02** - Bitzer, 647 CC, 4 Grv, MIO, Clip
 - 512235-03** - Bitzer, 647 CC, 4 Grv, MIO, Burgaflex
 - 512237-03** - Bitzer, 647 CC, 4 Grv, MIO, Burgaflex
 - 512239-01** - Bitzer, 647 CC, 4 Grv, ORS/MIO, Basic II / 2.0/2.5
 - 512248-03** - Bitzer, 647 CC, 15 Grv, MIO, Frontward Set Head Unloader, Burgaflex
 - 512248-06** - Bitzer, 647 CC, 15 Grv, MIO, Frontward Set Head Unloader, Burgaflex, EC3
 - 512251** - Bitzer, 647 CC, Base compressor only
 - 512252** - Bitzer, 647 CC, w/Capacity control valve, No clutch, Forward Set Head Unloader
 - 512259** - Bitzer, 647 CC, 15 Grv, Frontward Set Head Unloader, Konvekta
 - 512273-03** - Bitzer, 647 CC, 4 Grv, MIO, Cap Reg Right Head, Burgaflex
 - 512275-01** - Bitzer, 647 CC, 15 Grv, ORS, Cap Reg Right Head, Basic II, EC2.0 / 2.5
 - 512277-03** - Bitzer, 647 CC, 15 Grv, 20 ORS X 3/4 MIO, Burgaflex
-



517032 - Gasket, Low Pressure Service Valve



517059 - Gasket, 38MM Dia, Valve to Manifold, Hispacold



517061 - Gasket Set, Bock FK40

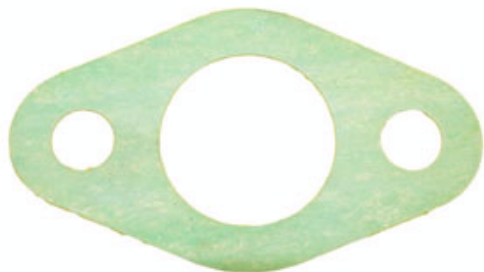


517062 - Shaft Seal Kit, Bock FK40

517064 - Oil Collector Ring, Bock Fk40



517065 - Gasket, Valve Flange, Bock FK40



517072 - Gasket Set, Complete, for 4NFC Comp



517074 - Seal Kit, Front Shaft Bitzer





517082 - Gasket, I/O Ports, Bitzer Used with 501373



314023 - Adapter, 3/4 O-Ring to 3/4 Flare



315010 - Nut, Flare, 3/4" Steel, Short



317010 - Bonnet, Flare, 3/4" Copper Seal



501294 - Manifold, C465/C650

501295 - Manifold, Bock, 20 ORS Hose Fitting



501296 - Manifold, Bock, 12 ORS Hose Fitting



501303 - Manifold, Bock, 16 ORS Hose Fitting



501352 - Manifold, 4-Port, C465/C650



501353 - Manifold, Transit, Compressor, Short



501366 - Manifold, 20 ORS x 3/4 MIO



501373 - Manifold, Bitzer, 4 Port Low Profile





Reference Section

Competitor crossover list

Condenser crossover list

Evaporator crossover list

Compressor crossover

Boiling Points

Bolt Torque

Cross reference of vacuum measurements

Electronic control information

Superheat

Temperature pressure chart

Trans Air limited warranty

Charging Chart

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
110001	Circuit Breaker, 40 Amp, Manual Reset	201-112		BRK-040	
110004	Circuit Breaker, 40 Amp, Auto Reset, Hermetically Sealed, Metal Case	201-119		BRK-140	
111001	Switch, High Pressure, w/Shrader Valve	201-400	29-30120	HPS-505-P	08813921A
111022	Resistor, 1 Ohm, 35 Watts + 10%	20-111022	33-31961		
111025	Switch, Low Pressure, w/Shrader Port	201-404	29-30104	LPS-101-P	08813961A
111051	Thermostat, Rotary	201-500		SWC-301	
111059	Thermostat, Rotary, 40, 58-66, 80 Range	20-111059			
111060	Resistor, 1.8 Ohm, Metal Case, 4 Tap	201-611		RES-400	
112001	Relay, Control, MCR, 12V, Solenoid, SPNO	201-800			
112007	Relay, Mini, 12V, 40 Amp w/Flange	201-806	30-13331	REL-500	
112024	Relay, 12 Volt, 75 Amp		30-13377		
112027	Relay, 24 Volt, SPST, 50 Amp		30-13329		
112029	Relay, Mini, 12V, 70 Amp	10-00328-00		REL-510	
113006	Switch, Rotary, 4 Position	201-305	29-21901	SWC-300	
113032	Knob, Thermostat, Snow Chrome, Soft	202-303	28-51602	NOB-002	
113033	Knob, Rotary Switch, Fan Chrome Soft	202-300	28-51601	NOB-001	
115082	Connector, Delco A6 Compressor		33-41603		
210019	Expansion Valve, 2 Ton, Block Type, R134a	20-210019		EXP-001	
210031	Expansion Valve, 3 Ton, 3/8 x 1/2 SAE, R12	20-210031			
210035	Expansion Valve, Block Type, 2 Ton, w/Schrader Valve			EXP-002	
211004	Sight Glass, 1/2 MFL x 1/2 FFL	101-200	37-10867	PEP-101	
212010	Filter Drier, 30 CI, XH9, 1/2 MFL x 1/2 MFL	14-01063-05	37-10866	DRI-101	
212011	Receiver Drier, XH9, 3/8 MIO x 3/8 MIO	101-304		DRI-103	
212012	Filter Drier, 30 CI, XHP, 1/2 MIO x 1/2 MIO		37-10870		
212021	Filter Drier, with Sight Glass	14-00288-00	37-10871	DSI-300	
311006	Hose, Refrigeration, #6, 5/16" ID Barrier	301-100			
311007	Hose, Refrigeration, #8, 13/32" ID, Barrier	301-101F50			
311008	Hose, Refrigeration, #10, 1/2" ID Barrier	301-102			
311009	Hose, Refrigeration, #12, 5/8" ID Barrier	301-103			
311011	Hose, Refrigeration, #16, 7/8" ID	301-104			
311019	Hose, Refrigeration, #6			HSE-006-EZ	
311020	Hose, Refrigeration, #8			HSE-008-EZ	
311021	Hose, Refrigeration, #10			HSE-010-EZ	
311022	Hose, Refrigeration, #12			HSE-012-EZ	
311026	Hose, Refrigeration, #8, Trans/Air Clip-Lok				03300603A

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
311027	Hose, Refrigeration, #10, Trans/Air Clip-Lok				03300703A
311028	Hose, Refrigeration, #12, Trans/Air Clip-Lok				03300803A
311029	Hose, Refrigeration, #16, Aeroquip			HSE-016-EZ	
312010	Tubing, Kazoo, 1 1/4" x 3" (5/8" Hole)	301-240		KAZ-002	02220606A
312019	Hose, Drain, .50 ID x .69 OD, Ivory				03300300A
313176	Fitting, 90 Deg, 5/8 FO x #12 Hose, Bdlk	302-432		FTG-103	
313177	Fitting, 90 Deg, 1/2 FO x #10 Hose, Bdlk	301-419		FTG-102	
313178	Fitting, 90 Deg, 5/8 FO x #10 Hose, Bdlk	301-473		FTG-133	
313179	Fitting, Str, 1/2 FO x #10 Hose, Bdlk	301-447		FTG-121	
313181	Fitting, 90 Deg, 3/4 FO x #12 Hose, Bdlk	302-465		FTG-134	
313183	Fitting, T, #12 x #12 x #12 Hose, Bdlk	301-429		FTG-113	
313184	Fitting, T, #8 x #8 x #8 Hose, Bdlk	301-432		FTG-112	
313185	Fitting, 90 Deg, 1/2 FO x #8 Hose, Bdlk	301-418		FTG-124	
313186	Fitting, Str, 3/4 FO x #12 Hose, Bdlk	301-497			
313189	Fitting, Str, 5/8 MO x #12 Hose, Bdlk	301-435		FTG-119	
313191	Fitting, Str, 3/8 MO x #8 Hose, Bdlk	301-465		FTG-118	
313193	Fitting, 90 Deg, Tube-O x 1/2 MIO, R134a, High Side	301-457			
313194	Fitting, 90 Deg, Tube-O x 5/8 MIO, R134a, Low Side	301-458			
313195	Fitting, Splicer, #12 Hose x #12 Hose x 134a SV, Low Side, Beadlock	302-436		FTG-108	
313197	Fitting, Splicer, #10 Hose x #10 Hose x 134a SV, High Side, Beadlock	302-437		FTG-107	
313199	Fitting, Str, 5/8 FO x #10 Hose, Bdlk	301-483			
313204	Fitting, T, #12 M x #12 F x #12 Hose, Springlock, Beadlock	302-443			
313208	Fitting, Str, 1/2 FO x #8 Hose, Bdlk	301-482		FTG-125	
313209	Fitting, 90 Deg, #8 MSL x #10 Hose, Bdlk	301-444			
313210	Fitting, 90 Deg, #8 MSL x #8 Hose, Bdlk	301-403			
313212	Fitting, 90 Deg, 3/8 FO x #8 Hose, Bdlk	301-433		FTG-122	
313213	Fitting, T, 27MM FO x 27MM MIO x #12 Hose, Beadlock	302-429		FTG-126	
313214	Fitting, T, 22MM MIO x 22MM FO x #12 Hose, Beadlock	302-452			
313215	Fitting, T, 22MM MIO x 22MM FO x #10 Hose, Beadlock	302-457			
313216	Fitting, Str, 3/8 MO x #6 Hose, Bdlk	301-423			
313217	Fitting, Str, 5/8 MO x #10 Hose, Bdlk	301-421			

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
313219	Fitting, 90 Deg, 3/8 FO x #6 Hose, Bdlk	301-462		FTG-181	
313221	Fitting, T, #10 M x #10 F x #12 Hose, Springlock	302-405			
313224	Fitting, T, #12 x #12 x #10 Hose, Bdlk	301-409		FTG-190	
313225	Fitting, T, #8 x #8 x #6 Hose, Bdlk	301-408			
313228	Fitting, 90 Deg, 20MM FO x #6 Hose, Bdlk	302-473		FTG-187	
313230	Fitting, T, 20MM FO x 20MM MIO x #8 Hose, Bdlk	302-433		FTG-161	
313231	Fitting, Str, 3/8 FO x #8 Hose, Bdlk	301-464		FTG-123	
313232	Fitting, 90 Deg, 3/8 MO x #8 Hose, Bdlk	301-403		FTG-100	
313241	Fitting, Str, #8 FSL x #8 Hose, Bdlk	301-492			
313252	Fitting, Splicer, Str, #8 Bdlk x #8 Bdlk	301-412		FTG-109	
313253	Fitting, Splicer, Str, #10 x #10 Bdlk	301-413		FTG-110	
313254	Fitting, Splicer, Str, #12 x #12 Bdlk	301-414		FTG-111	
313340	Clip, #6			CLP-006	
313341	Clip, #8			CLP-008	
313342	Clip, #10			CLP-010	
313343	Clip, #12			CLP-012	
313344	Cage, #6			CAG-006	
313345	Cage, #8			CAG-008	
313346	Cage, #10			CAG-010	
313347	Cage, #12			CAG-012	
313348	Fitting, Clip, 90 Deg, 1/2 FO x #10 Hose			FTG-102-EZ	08830023C
313349	Fitting, Clip, 90 Deg, 5/8 FO x #10 Hose			FTG-195-EZ	08830113C
313350	Fitting, Clip, Str, 5/8 MO x #12 Hose			FTG-119-EZ	
313351	Fitting, Clip, 90 Deg, 5/8 FO x #12 Hose			FTG-103-EZ	
313352	Fitting, Clip, Str, 3/4 FO x #12 Hose				08830170C
313353	Fitting, Clip, Inline Access, #12 Hose			FTG-108-EZ	08830415C
313354	Fitting, Clip, Inline Access, #10 Hose			FTG-107-EZ	08830447C
313355	Fitting, Clip, T, #8 x #8 x #8 Hose			FTG-112-EZ	08830081C
313356	Fitting, Clip, 90 Deg, 1/2 FO x #8 Hose			FTG-124-EZ	08830011C
313357	Fitting, Clip, Str, 3/8 MO x #8 Hose			FTG-118-EZ	
313358	Fitting, Clip, 90 Deg, 3/4 FO x #12 Hose			FTG-196-EZ	08830164C
313359	Fitting, Clip, Str, 1/2 FO x #8 Hose				08830092C
313363	Fitting, Clip, 90 Deg, 3/8 FO x #8 Hose			FTG-122-EZ	
313378	Fitting, Str, M27 FO x #12 Hose, Bdlk			FTG-080-1	
313381	Fitting, Clip, 45 Deg, 1/2 FO x #10 Hose				08830181C
313382	Fitting, Clip, 45 Deg, 5/8 FO x #12 Hose				08830021C
313392	Fitting, Clip, 90 Deg, 3/8 MO x #8 Hose			FTG-100-EZ	

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
313393	Fitting, Clip, 90 Deg, 5/8 MO x #12 Hose			FTG-101-EZ	
313397	Fitting, Clip, 90 Deg, 20MM FO x #8 Hose w/High Side Access			FTG-128-EZ	
313403	Fitting, Clip, 45 Deg, 27MM FO x #12 Hose			FTG-172-EZ	
313413	Fitting, Clip, T, #12 x #12 x #12 Hose			FTG-113-EZ	08830039C
313419	Fitting, Clip, Str, 5/8 FO x #12 Hose			FTG-144-EZ	08830087C
313420	Fitting, Clip, Str, 3/8 FO x #6 Hose			FTG-178-EZ	
313426	Fitting, Clip, Splicer, #6 x #6 Hose			FTG-241-EZ	
313427	Fitting, Clip, Splicer, #8 x #8 Hose			FTG-109-EZ	
313428	Fitting, Clip, Splicer, #10 x #10 Hose			FTG-110-EZ	
313429	Fitting, Clip, Splicer, #12 x #12 Hose			FTG-111-EZ	
313432	Fitting, Clip, Str, 5/8 FO x #10 Hose			FTG-228-EZ	
313435	Fitting, Clip, Str, 1/2 FO x #10 Hose			FTG-121-EZ	
313446	Fitting, Clip, Splicer, #10 x #10 Hose, w/R12 Charge Port				08830106C
313459	Fitting, T, 5/8 FO x 5/8 MIO x 5/8 MIO, w/Schrader			FTG-125-EZ	
313464	Fitting, 90 Deg, 3/4 FO x #10 Hose, Steel, Beadlock			FTG-123-EZ	
313465	Fitting, Clip, 90 Deg, 1/2 FO x #10 Hose, w/High Side Access			FTG-114-EZ	08830379C
313466	Fitting, Clip, 90 Deg, 5/8 FO x #12 Hose, w/Low Side Access			FTG-115-EZ	08830361C
313505	Clip Holder, #8				08830700C
313506	Clip Holder, #10				08830800C
313507	Clip Holder, #12				08830900C
313552	Fitting, Clip, 90 Deg, 3/4 FO x #16			FTG-285-EZ	
313553	Fitting, Clip, Splicer, #16, Low Side Access Port			FTG-083-EZ	
314016	Adapter, 7/16 FFL x R134a, High Side	40-01184-00			
314017	Adapter, 7/16 FFL x R134a, Low Side	40-01184-00			
320001	Ell, 90, 1/2 Barb x 1/2 Barb, Plastic	301-908		PDE-001	
320002	Tee, 1/2" Barb x 1/2" Barb x 1/2" Barb	301-907		PTD-001	02220700A
320012	Elbow, 90, 1/2 ID Hose x 1/2 ID Hose				02220801A
412005	Wheel, Blower, w/Clip (Black)		28-01713		
412012	Louver, 3" Black w/Spring & Screw	401-301	28-31528	200-027	
412014	Louver Assy, Rectangular	401-314	28-21565		
412019	Blower Housing Assembly, w/Motor, DCM		26-19902		
412032	Blower Housing Assembly	401-209A	26-19912	BLW-200-41	
501003	Cover, Hose Transition, ABS	011-032			

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
501005	Cover, Hose Back	010-008			28000004B
501079	Cover, Hose, Outside	010-007			
501178	Cover, Hose, 45 Degree Transition, ABS	010-049			
501273	Pad Fitting, Top Port, 3/4 MIO x 5/8 MIO			410-005	
501279	Pad Fitting, Bottom Port, 3/4 MIO x 5/8 MIO			410-005	
511002	Motor, Fan, Cond, 12 VDC		26-14596		
511017			26-14522		
512068	Compressor, SD709, Dual "A" Grv, R134a, Horiz Tube "O" Ring, Dual 1"-14 Fit		20-10151		
512073	Compressor Assy, Delco A6, R134a, Pag Oil, Single 5" Dia, 1/2" Grv, 12 VDC		20-10838		
512084	Compressor, ICE TM15, 135MM, 2 'A' Grv, Verticle MIO, 12V, Univ Mntg Ears, R134a		20-45021		
512085	Compressor Assy, SD709, R134a, w/Ftgs		20-10152		
512103	Compressor, ICE TM16, 125MM, 2 'A' Grv, Pad Mount, Univ Mntg Ears, R134a		20-46222		
512113	Compressor, ICE TM16, 125MM, Pad Mount, 1 'A' Overhang Grv, 12V, Univ Mntg Ears		20-46230		
512117	Compressor, DKS, TM16, 12V, 135MM, Dual 'A' Grv (Rear Port Delco Pad)		20-46210		
512119	Compressor, DKS, TM16, 24V, 135MM, Dual 'A' Grv Pad		20-46212		
512124	Compressor, ICE, TM16, 159MM, 1 Var Grv, Pad Mount, 12V, Univ Mntg Ears, R134a		20-46226		
512129	Compressor, QP16, 119MM, 8 Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a	502-210		400-015	
512130	Compressor, ICE, TM15, 159MM, 1 Var Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a		20-45035		
512131	Compressor, ICE TM16, 159MM, 1 Var Grv, V-MIO, 24V, Univ Mntg Ears, R134a		20-10290		
512137	Compressor, ICE, TM16, 119MM, 8 Grv, 12V, Pad Mount, Univ Mtg Ears, No Fitting, R134a		20-46234		
512139	Compressor, Sanden SD7H15HD, Model 4663, 125MM, Dual 1/2" Grv, 12 VDC, Vertical MIO, 5/8" x 1/2"		20-10080		
512140	Compressor, SD7H15, 125MM, 12 VDC Clutch, QC GM Pad, Sanden		20-09993		

Trans/Air PN#	PartDescription	Carrier PN #	Omega PN #	ACT PN #	ACC Part #
512147	Compressor, ICE, TM15, 125MM, 2 'A' Grv, Pad Mount, 12V, Univ Mntg Ears, R134a		20-45222		
512148	Compressor, TM31, Dual 5/8 Grv, 24V		20-10282		
512149	Compressor, ICE, TM31, 152MM, 2 'A' Grv, 12V, R134a		20-10279		
512150	Compressor, ICE, TM31, 158MM, 2 'B' Grv, 12V, R134a		20-10281	400-016	
512184	Compressor, SD7H15, PV8, Pad Ftg		20-09980		
512204	Compressor, QP31 152MM, 8 Groove			400-036	
512218	Compressor, TM16, 119MM, 8 GRV, 24V, Ftg Pad		20-46236		
512219	Compressor, TM21, 137MM, 8 Grv, 24V, Ftg Pad			400-045	
512241	Compressor, 10 CID, 119MM, 10 Groove, 12 Volt			400-092	
512253	Compressor, SD7H15, PV8 Pad-Style, Direct Mount		20-14420		
512262	Compressor, SD7H15, PV8, 49MM Gage Line Direct Mount			400-027	
512263	Compressor, TM16, 119MM, 8 Groove, V-MIO		20-46120	400-091	
512264	Compressor, TM31, 152MM 8 Groove		20-10283		
512265	Compressor, TM21, 13CID, 137MM 8 Groove		20-47244		
512266	Compressor, SD7H15 FLX PV8, Pad Ftg		20-14864		
512267	Compressor, SD7H15 FLX (2) A Groove, Pad Ftg		20-14860		
512268	Compressor, SD7H15, 6 Groove, Direct Mount		20-10093		
512269	Compressor, TM21, 13CID, 145MM, 2 "A" Groove		20-47240	400-044	
512270	Compressor, SD7H15, 2 "A" Groove, Direct Mount		20-14419		
512271	Compressor, TM21, 13CID, 127MM, 8 Groove, 12V		20-47245	400-047	
517070	Pad Fitting Kit, V-MIO 5/8" x 1/2", w/Hardware			410-001	
518002	O-Ring, 3/8"	801-201		ORG-038	
518003	O-Ring, 1/2"	801-202		ORG-012	
518004	O-Ring, 5/8"	801-203		ORG-058	08801800A
518006	O-Ring, 3/4"	801-217		ORG-034	08802000A
611005	Clamp, Worm #72, 3.13 to 5.0 ID				05250300A
611008	Clamp, Worm Mini, .25 to .63 ID				05250500A
611028	Ferrule, #8 Long Crimp	701-213			
611029	Ferrule, #10 Long Crimp	701-214			
611030	Ferrule, #12 Long Crimp	701-215			
611031	Ferrule, #6 Long Crimp	701-216			
701127	Plate, Switch/Thermostat	202-301		PLT-100	
711003	Arm, Idler, Short 1-1/4" x 1 1/8"	601-505			

<u>Trans/Air PN#</u>	<u>PartDescription</u>	<u>Carrier PN #</u>	<u>Omega PN #</u>	<u>ACT PN #</u>	<u>ACC Part #</u>
711008	Bolt, Shoulder, #120 for Single Pulley	601-524			
711018	Idler Arm, 1.25" Throw x 1.875 High	601-510			
714053	Bushing, Idler, 1/2" Lng, 7/16" Bore	601-508			
816021	Hose Cutters	101-708		CUT-001	
816035	Leak Detector, R12 & R134a				
816039	Crimp Tool, Bubble Style, Portable				
816075	Hydraulic Bubble Crimper, Air Operated	101-719			
816147	Crimp Tool, Clip Fittings			EZT-001	
816179	Crimp Tool, #16 Hose Fitting, Aeroquip			EZT-016	
2160074	Expansion Valve, 2 Ton, Block Type, 134a	14-00301-03			
2160088	Retrofit Kit, 10" Flush Mount Fan (Spal)	20-2160088	25-14863-T	MTR-120-T	
501357-07	Cover, Hose, 48" Long, White				09965049A

Condenser

<u>Style</u>	<u>Part Number</u>	<u>Description</u>	<u>Filter Drier</u>	<u>Sight Glass</u>	<u>Coil Assembly</u>	<u>Fan</u>	<u>Black Screen</u>	<u>Aluminum Screen</u>
Skirt Mounted	301297	Condenser, 3-Fan Flush Mnt, O-Ring, Standard Coil,	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301309	Condenser, 3-Fan Stacked, Baco, O-Ring	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301362	Condenser 3-Fan Flush O-Ring Std Coil	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301363	Condenser Sub-Assy 3-Fan Baco O-Ring Std Coil	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301364	Condenser 3-Fan Rooftop O-Ring Ftgs	212010	211004	301366	2160088	301215-1	301215-11
Skirt Mounted	301365	Condenser Sub-Assy 2-Fan Short Baco	212010	211004	301366	2160088	301215-1	301215-11
Skirt Mounted	301379	Condenser 2-Fan High Short	212010	211004	301380	2160089	301215-04	301215-18
Skirt Mounted	301387	Condenser 3-Fan High Long	212010	211004	301393	2160089	301215-3	301215-17
Skirt Mounted	301407	Condenser, 3-Fan, Flush Mnt,	212010	211004	301413	2160088	301215-02	301215-12
Skirt Mounted	301440	Condenser, 3-Fan High Long, w/o Screen	212021 *	211004	301393	2160089	301215-3	301215-17
Skirt Mounted	301462	Condenser, 3-Fan, Flush Mount, O-Ring, Std Coil,	212010	211004	301461	2160088	301215-2	301215-12
Skirt Mounted	301463	Condenser, 3-Fan, Flush Mount, O-Ring, Std Coil,	212010	211004	301461	2160088	301215-2	301215-12
Skirt Mounted	301482	Condenser Sub-Assy, 3-Fan, Baco, O-Ring, Std Coil, 3-fan, o-ring	212010	211004	301366	2160088	301215-1	301215-11
Skirt Mounted	301491	Condenser Sub-Assy, 3-Fan, Baco, O-Ring,	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301492	Condenser Sub-Assy, 3-Fan (Flush Mount), O-Ring,	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301526	Condenser, 5-Fan		N/A	301531	2160093	301525	N/A
Skirt Mounted	301559	Condenser, 2-Fan Short	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301560	Condenser, 2-Fan Short	212010	211004	301301	2160088	301215-2	301215-12
Skirt Mounted	301573	Condenser, 2-Fan (Flush Mount), O-Ring,	212021 *	N/A	301493	2160088	301571-01	301574-02

Condenser

<u>Style</u>	<u>Part Number</u>	<u>Description</u>	<u>Filter Drier</u>	<u>Sight Glass</u>	<u>Coil Assembly</u>	<u>Fan</u>	<u>Black Screen</u>	<u>Aluminum Screen</u>
Skirt Mounted	301574	Condenser, 2-Fan (Flush Mount), O-Ring	212021 *	N/A	301493	2160088	301571-01	301574-02
Skirt Mounted	301584	Condenser, 2-Fan Short, Flush Mount	212021 *	N/A	301579	2160088	301583-01	301583-02
Skirt Mounted	301585	Condenser Sub-Assy, 2-Fan Short, Baco	212021 *	N/A	301579	2160088	301583-01	301583-02
Skirt Mounted	301622	Coil Assembly 2-Fan Short	212021 *	N/A	301493	2160088	301571-01	301571-02
Skirt Mounted	301623	Condenser, 2-Fan High Short,	212021 *	N/A	301493	2160088	301571-01	301571-02
Skirt Mounted	301625	Condenser, 2-Fan High Short,	212021 *	N/A	301618	2160080	301571-01	301571-02
Skirt Mounted	301626	Condenser, 2-Fan High Long, Flush Mount Fans,	212021 *	N/A	301624	2160088	301583-01	301583-02
Skirt Mounted	301627	Condenser, 2-Fan High Long, Flush Mount Fans,	212021 *	N/A	301618	2160080	301571-01	301571-02
Skirt Mounted	301628	Condenser Assembly, 2-Fan (Micro Channel Coil)	212021 *	N/A	301624	2160088	301583-01	301583-02
Skirt Mounted	301638	Condenser, 3-Fan High Long,	212021 *	N/A	301618	2160088	301571-01	301571-02
Skirt Mounted	301639	Condenser Assembly, 3-Fan w/ ISO Valves (Micro Channel Coil)	212021 *	N/A	301618	2160088	301571-01	301571-02
Skirt Mounted	301657	Condenser, SMC3L, IC Corp	212021 *	N/A	301493	2160088	301668	N/A
Skirt Mounted	301663	Condenser, SMC2S, IC Corp	212021 *	N/A	301579	2160088	301670	N/A
Skirt Mounted	301665	Condenser Assy, SC3,	212010	211004	301380	2160089	301215-4	N/A
Skirt Mounted	301667	Condenser Sub-Assy, 3-Fan, IC Corp	212021 *	N/A	301493	2160088	301668	N/A
Skirt Mounted	301669	Condenser Sub-Assy, 2 Fan, IC Corp	212021 *	N/A	301618	2160088	301571-01	301571-02
Skirt Mounted	301681	Condenser, 3-Fan High Long,	212021 *	N/A	301618	2160088	301571-01	301571-02
Skirt Mounted	301682	Condenser, 3-Fan High Long, Flush Mount Fans,	212021 *	N/A	301618	2160088	301571-01	301571-02
Skirt Mounted	301697	Condenser, 3- Fan (Micro Channel Coil) I.C.Corp	212021 *	N/A	301618	2160088	301668	N/A

Condenser

<u>Style</u>	<u>Part Number</u>	<u>Description</u>	<u>Filter Drier</u>	<u>Sight Glass</u>	<u>Coil Assembly</u>	<u>Fan</u>	<u>Black Screen</u>	<u>Aluminum Screen</u>
Skirt Mounted	301698	Condenser Assembly, 3- Fan (Micro Channel Coil) I.C.Corp.	212021 *	N/A	301618	2160088	301668	N/A

* Sight Glass is Part of Filter-Dryer

<u>Style</u>	<u>Part Number</u>	<u>Description</u>	<u>Filter Drier</u>	<u>Sight Glass</u>	<u>Coil Assembly</u>	<u>Fan</u>	<u>Cover Assembly</u>
Roof Top	301311	Condenser 3-Fan Rooftop w/O-Ring 24V Flat Roof	212010	N/A	301338	511004 Motor, 410015 Fan	302027 Cover Assy.
Roof Top	301332	Condenser 3-Fan Rooftop w/O-Ring	212010	N/A	301338	511002 Motor, 410015 Fan	302027 Cover Assy.
Roof Top	301468	Condenser, 6-Fan Rooftop,	212012	N/A	301447	511002 12v motor, 511004 24v motor, 410002 Blade	**
Roof Top	302150	Rooftop Condenser, 3-Fan	212012	N/A	302007	511002 12v motor, 511004 24v motor, 410015 Blade	302145 Cover Assy
Roof Top	302155	RTC6 Assembly, IC Corp	212012	N/A	301447	2160088 12v, 2160081 24v	**
Roof Top	302161	RTC6 Assembly, IC Corp	212012	N/A	301147	2160088	**
Roof Top	302165	Rooftop Condenser 120K, 6-Fan (Micro Channel Coil)	212021 *	N/A	301618	2160088	302180 Cover Assy.
Roof Top	302195	Rooftop Condenser, 120K, 6- Fan, (Micro Channel Coil), I.C. Corp.	212021 *	N/A	301618	2160088	302202 Cover Assy.
Roof Top	302200	Rooftop Condenser, 120K, 6- Fan, (Micro Channel Coil)	212021 *	N/A	301618	2160088	302204 Cover Assy.

* Sight Glass is Part of Filter-Dryer

** Call Trans/Air Mfg Part Deptment for Part Number

Evaporator Parts

<u>Evap PN</u>	<u>Description</u>	<u>Expansion Valve</u>	<u>Blower Assembly</u>	<u>Coil Assembly</u>	<u>Heat Coil</u>	<u>Inlet Filter ABS Cover</u>	<u>Cover Assembly ABS</u>	<u>Inlet filter Metal Cover</u>	<u>Cover Assembly Metal</u>
202394	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**, Oct 1990 and newer Valve 210031	412025	202143, 10/1990 and newer 202621	N/A	915008	NLA	NLA	NLA
202395	Evaporator, TA98, EC1, Evap Mounted	Valve 210001, **REQUIRES CAGE 210012**, Oct 1990 and newer Valve 210031	412025	202143	N/A	915020	N/A	NLA	NLA
202405	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**	412025	202621	202029	915008	202620***	NLA	202332
202478	Evaporator, TA96, Basic II	Valve 210001, **REQUIRES CAGE 210012**, Oct 1990 and newer Valve 210031	412025	202143	N/A	202605-3	202399 Head Pad***	NLA	N/A
202483	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**	412025	202561	N/A	NLA	202454***	N/A	N/A
202484	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**, Oct 1990 and newer Valve 210031	412025	10/01/1990 and newer 202621	202709	915008	202548 ***	N/A	202708
202486	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**, Oct 1990 and newer Valve 210031	412025	202143, 10/01/1990 and newer 202621	*	*	*	*	*
202613	Evaporator, TA-73	Valve 210001, **REQUIRES CAGE 210012**	412025	10/01/1990 newer 202621	*	915008	202548 ***	*	*
202615	Evaporator, TA-73	210031	412025	07/21/91 newer 202621	202029	915008	202620 ***	*	202332
202621	Coil Assembly	210031	N/A	N/A	N/A	N/A	N/A	N/A	N/A
202642	Evaporator,TA-77	210033	412025	202661	N/A	915035	202660 ***	N/A	N/A
202672	Evaporator,TA-77	210033	412025	202661	N/A	915035	2021841 ***	N/A	202671
202674	Evaporator, TA-73	210031	412025	202621	N/A	915008	202620 ***	915028	202708

Evaporator Parts

202700	Evaporator, TA71, Basic 2, Heat, Metal cover	210019	412025	202296	202278	915029	202815 ***	N/A	202223
202701	Evaporator, TA-73	210031	412025	202621	202709	915008	202620 ***	915028	202708
202707	Evaporator, TA-73	210031	412025	202718	202709	N/A	N/A	915028	202708
202711	Evaporator, TA-73	210031	412025	202621	202709	n	202452 ***	N/A	N/A
202718	Coil Assembly, Low Profile	210031	N/A	N/A	N/A	N/A	N/A	N/A	N/A
202768	Evaporator, DCM II, Spring White	2160074	412044	202778	N/A	915037	202807***	N/A	N/A
202771	Evaporator, TA93, EC1, Gray	210019	412025	202296	N/A	202605-3	202432 Head Pad ***	N/A	N/A
202772	Evaporator,TA-77	210033	202025	202661	N/A	915035	202660 ***	N/A	N/A
202773	Evaporator,TA-77	210033	202025	202661	N/A	N/A	N/A	915035	202661
202774	Evaporator, TA-73	210031	412025	202621	N/A	915008	202620***	N/A	N/A
202775	Evaporator, TA-73	210031	412025	202621	N/A	915008	202620***	N/A	N/A
202776	Evaporator, TA71, EC1, Gray	210019	412025	202296	N/A	915029	202815 ***	N/A	N/A
202785	Evaporator, DCM Sub-Assembly	2160074	412044	202778	N/A	915037	202807 ***	N/A	N/A
202786	Evaporator Installation, DCM, Ivory Hose	2160074	412044	202778	N/A	915037	202807 ***	N/A	N/A
202793	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	202399 Head Pad ***	N/A	N/A
202794	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	202399 Head Pad ***	N/A	N/A
202796	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	202399 Head Pad ***	N/A	N/A
202797	Evaporator, TA93, Slave, O-Ring, Gray	210019	412025	202296	N/A	202605-3	202432 Head Pad***	N/A	N/A
202798	Evaporator, TA93, EC1, O-Ring, Gray	210019	412025	202296	N/A	202605-3	202432 Head Pad ***	N/A	N/A
202816	Evaporator, TA-73	210031	412025	202621	202029	*	*	*	*
202818	Evaporator,TA-77	210033	412025	202827	N/A	913035	2021841***	N/A	N/A
202821	Coil Assembly TA-96	210031	N/A	N/A	N/A	N/A	N/A	N/A	N/A
202824	Coil Assembly, TA98 Low Profile	210031	N/A	N/A	N/A	N/A	N/A	N/A	N/A
202827	Coil Assembly, TA77	210033	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Evaporator Parts

202835	Evaporator, TA96, EC1, O-Ring,	210031	412025	202821	N/A	202605-2	202399***	N/A	N/A
202836	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	202399 Head Pad***	N/A	N/A
202837	Evaporator, TA96, Slave, O-Ring, White	210031	412025	202821	N/A	202605-2	202399 Head Pad***	N/A	N/A
202841	Evaporator,TA-77	210033	412025	202827	N/A	913035	2021841***	N/A	N/A
202862	Evaporator, TA73, EC1, ABS Cover, O-Ring	210031	412025	202718	N/A	915008	202620***	N/A	N/A
202877	Evaporator,TA-77	210033	412025	202827	N/A	915021	2021315	N/A	N/A
202895	Evaporator, TA77, White, TAMW	210019	412025	202296	N/A	913035	2021841***	N/A	N/A
202949	Evaporator, TA-73	210031	412025	202718	202709	915008	202620***	N/A	N/A
202970	Evaporator, TA70, Control,	210019	412025	202412	N/A	915021	202813***	N/A	N/A
202971	Evaporator, TA71,	210019	412025	202296	N/A	915029	202815***	N/A	N/A
202993	Evaporator, TA93, 3 Speed,	210019	412025	202296	N/A	202605-3	202432***	N/A	N/A
202996	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	202399***	N/A	N/A
202998	Evaporator, TA98, Basic II, 3 Spd,	210031	412025	202824	N/A	202605-1	202523***	N/A	N/A
2021043	EVAPORATOR, TA-73N	Valve 210037, **REQUIRES CAGE 210038** June 1999 and newer 210042	412032	Sept 1999 and newer 2021162-01	2021164	915045	2021048***	915045	2021223
2021046	EVAPORATOR, TA-73N	Valve 210037, **REQUIRES CAGE 210038** June 1999 and newer 210042	412032	Sept 1999 and newer 2021162-01	2021164	915045	2021048***	915045	2021223
2021061	Evaporator, TA-96	210031	412026	202821	N/A	202605-2	202399 Head Pad ***	N/A	N/A
2021092	EVAPORATOR, TA-73N	Valve 210037, **REQUIRES CAGE 210038**	412032	2021044	2021026	915045	2021048***	915045	2021223
2021093	EVAPORATOR, TA-73N	Valve 210037, **REQUIRES CAGE 210038**	412032	2021044	2021026	915045	2021048***	915045	2021223
2021151	Evaporator, TA-96	210031	412025	202821	N/A	202605-2	2021157 Head Pad***	N/A	N/A
2021377	Evaporator, TA77, Basic II, Split Coil,	210019	412032	202296	N/A	915029	2021841***	915029	202983

Evaporator Parts

2021380	Evaporator, TA71, Control, 3 Spd	210019	412042	202296	202278	915029	202815***	N/A	N/A
2021382	Evaporator, TA70, Control,	210019	412042	202412	N/A	915029	202817***	N/A	N/A
2021430	Evaporator Assy, Dual Blowers, FM45	210019	412042	2021478	N/A	915061	N/A	N/A	N/A
2021718	Evaporator Assy, TA70, EC3,	210019	412032	202412	N/A	915029	2021833***	N/A	N/A
2021731	Evaporator Assembly, TA77, Split Coil, EC3	210019	412032 12v, 412026 24v	202296	202778	915029	2021841***	915029	202983
2021785	Evaporator, Dash Air, Dual Blowers,	210019	412051	2021770	2021772	915066	2021784 Inlet Grill	N/A	N/A
2021800	Evaporator, Dash Air w/Heat, Dual Blowers, EC2.5/ Basic,	210019	412051	2021770	2021772	915066	2021784 Inlet Grill	N/A	N/A
2021808	Evaporator, TA73, Metal Cover, EC3, Lines Right	210042	412032	2021365	2021164	N/A	N/A	915045	2021829-01
2021871	Evaporator, TA96, EC3, IC Corp,	210042	412032	2021280	2021164	915045	2021324***	N/A	N/A
2021874	Evaporator, Dash Air, Trident, Single Blower	210019	412050	2021770	2021862	*	*	N/A	N/A
2021881	Evaporator, TA96, EC2.5, IC Corp	210042	412032	2021280	N/A	915045	2021921***	N/A	N/A
2021885	Evaporator, TA73, EC2.5, IC Corp	210042	412032	2021365	N/A	915045	2021936***	N/A	N/A
2021897	Evaporator, TA73, EC3, IC Corp	210042	412032	2021365	N/A	915045	2021936***	N/A	N/A
2021903	Evaporator, TA93, EC2.5, IC Corp	210042	412032	2021321	N/A	915057	2021324 Head pad***	N/A	N/A
2021909	Evaporator, TA93, EC3, IC Corp	210042	412032	2021321	N/A	915057	2021324 Head Pad***	N/A	N/A
2021915	Evaporator, TA96, EC3, IC Corp	210042	412032	2021280	N/A	915045	2021921***	N/A	N/A
2021919	Evaporator Assy, TA96, Basic, IC Corp	210042	412032	2021280	N/A	915045	2021921***	N/A	N/A
2021930	Evaporator Assy, Lines Left, TA73, IC Corp	210042	412032	2021365	N/A	915045	2021936***	N/A	N/A
2021938	Evaporator Assy, TA96, EC3, IC Corp	210042	412032	2021280	N/A	915045	2021921***	N/A	N/A
2021940	Evaporator Assy, TA93, Basic, IC Corp	210042	413032	2021321	N/A	915057	2021324 Head pad***	N/A	N/A
2021942	Evaporator Assy, TA93, EC3, IC Corp	210042	412032	2021321	N/A	915057	2021324 Head Pad***	N/A	N/A

Evaporator Parts

2021944	Evaporator Assy, Lines Left, TA73, EC3, IC Corp	210042	412032	2021365	N/A	915045	2021936***	N/A	N/A
2021950	Evaporator, Dash Air w/Heat, Single Blower, IC BE & CE	210019	412051	2021770	2021772	915066	*	N/A	N/A
2021975	Coil Assembly, Evaporator, FM-55, Thomas C2, Front	210042	412042	2021797	N/A	N/A	N/A	N/A	N/A
2021983	Evaporator, EC3, TA77, IC Corp	210042	412032	2021097	N/A	915057	2021986***	N/A	N/A
2021984	Evaporator Assembly, TA77, EC3 Split Coil, IC Corp	210042	412032	2021097	N/A	915057	2021986***	N/A	N/A
2021993	Evaporator, Dash Air w/Heat, Single Blower, EC3.0, Tie-In, BE/CE, IC Corp	210019	412051	2021770	2021772	915066	*	N/A	N/A
2022001	Evaporator, FM55, EC2.5, I.C. Corp.	210042	412042	2021510	N/A	915062	*	N/A	N/A
2022002	Evaporator Assembly, FM55Spring White I.C. Corp.	210042	412042	2021510	N/A	915062	*	N/A	N/A
2022004	Evaporator, FM55, EC3, Spring White, I.C. Corp.	210042	412042	2021510	N/A	915062	*	N/A	N/A
2022005	Evaporator Assembly, FM55, EC3, Spring White I.C. Corp.	210042	412042	2021510	N/A	915062	*	N/A	N/A
2022006	Evaporator, Dash Air w/ Heat, Single Blower, EC2.5, Super, BE/CE, IC Corp	210019	412051	2021770	2021772	915066	*	N/A	N/A
2022007	Evaporator, Dash Air w/Heat, Single Blower, EC3, Super, BE/CE, IC Corp	210019	412051	2021770	2021772	915066	*	N/A	N/A
2022014	Evaporator, Dash Air w/Heat, EC2.5 Super, Dual Blower, Type BE/CE, IC Corp.	210019	412051	2021770	2021772	915066	*	N/A	N/A
2022018	Evaporator, Dash Air w/Heat, EC3 Super, Dual Blower, Type BE/CE, IC Corp	210019	412051	2021770	2021772	915066	*	N/A	N/A
2022038	Evaporator, FM-55, EC3, I.C. Corp.	210042	412042	2021510	N/A	915062	*	N/A	N/A
2022040	Evaporator, EC2.5, T/A-77, I.C. Corp.	210042	412032	2021097	N/A	915057	2021986***	N/A	N/A
2022042	Evaporator Assembly, T/A-77, EC2.5, I.C. Corp.	210042	412032	2021097	N/A	915057	2021986***	N/A	N/A

* Call Trans/Air Mfg Parts Department For Part Numbers

*** Color Is Determined By Number Designation

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
4034	512241	SD7H15	PAG 100	10 CID, 119MM, 20 Groove, 12 Volt, 9.5 cid/155 cc, 4.6 oz SP 20 oil, Pag 100 T/A p/n 913017	----
4419	512270	FLX7	PAG 100	SD7H15, 2 "A" Groove, Direct Mount, 9.5 cid/155 cc, 6.8 oz SP 20 oil, T/A p/n 913017	512224
4420	512253	FLX7	PAG 100	SD7H15, PV8 Pad-Style, Direct Mount, 9.5 cid/155 cc, 6.8 oz SP 20 oil, T/A p/n 913017	512226
4510	512080	SD510		COMPRESSOR, SANDEN SD510, 132MM DIA, 2 GRV "A"	512084
4628	512089	SD7H15	PAG 100	Sanden SD709, Model 4628, Ford Direct Mount, Std Tube "O" Ring, 3/4" x 7/8", 6 Grv, Poly-V Clutch, 12 VDC, R134a, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 100 T/A p/n 913017	512087
4641	512268	SD7H15	PAG 100	Compressor, SD7H15, 6 Groove, Direct Mount, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 100 T/A p/n 913017	512221
4663	512139	SD7H15	PAG 100	Sanden SD7H15HD, Model 4663, 125MM, Dual 1/2" Grv, 12 VDC, Vertical MIO, 5/8" x 1/2", 9.5 cid/155 cc, 4.6 oz SP 20 oil, Pag 100 T/A p/n 913017	512121
4664	512186	SD7H15	PAG 100	SD7H15, 2 ' A' Grv, V-MIO, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 100 T/A p/n 913017	512084
4666	512262	SD7H15	PAG 100	SD7H15, PV8, 49MM Gage Line Direct Mount, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 100 T/A p/n 913017	512090
4707	512184	SD7H15	PAG 100	Compressor, SD7H15, PV8, Pad Ftg, 9.5 cid/155 cc, 4.6 oz SP 20 oil, Pag 100 T/A p/n 913017	512209
4708	512140	SD7H15	PAG 100	SD7H15, 125MM, 12 VDC Clutch, QC GM Pad, Sanden, Pag 100 T/A p/n 913017	512103
4711	512143	SD7H15	PAG 100	Sanden SD709, Model 8103, 119MM Clutch, 12V, Vertical 3/4 x 7/8 MIO, Universal Mount, 9.5 cid/155 cc, 4.6 oz SP 20 oil, Pag 100 T/A p/n 913017	512129
4860	512267	FLX7	PAG 100	SD7H15 FLX (2) A Groove, Pad Ftg, 9.5 cid/155 cc, 6.8 oz SP 20 oil, T/A p/n 913017	512210
4864	512266	FLX7	PAG 100	SD7H15 FLX PV8, Pad Ftg, 9.5 cid/155 cc, 6.8 oz SP 20 oil, T/A p/n 913017	512209
7819	512068	SD7H15	PAG 100	SD709, Dual "A" Grv, R134a, Horiz Tube "O" Ring, Dual 1"-14 Fit, Pag 100 T/A p/n 913017	512075
7822	512059	SD7H15	PAG 100	SD709, 119MM, 12VDC, R134a, Horiz 1" x 14 TAD Tube "O" Ring, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 100 T/A p/n 913017	512088
9125	512012	SD5H14		SANDEN, W/ROTOLOCK FTGS, (R12)	-----
252119	512131	TM16	PAG 46	ICE TM16, 159MM, 1 Var Grv, V-MIO, 24V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
500252	512041	A6	PAG 150	Compressor, Delco A6, (Rebuilt), W/O OIL	-----

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
500408	512008	A6		DELCO A6, R12, T/A 512073 IS R134A EQUIVALENT	512073-134a
500409	512008	A6		DELCO A6, R12, T/A 512073 IS R134A EQUIVALENT	512073-134a
1131273	512008	A6		DELCO A6, R12, T/A 512073 IS R134A EQUIVALENT	512073 -134a
1131346	512065	A6	PAG 150	DELCO 12.6, 1/2" GRV, 5.0" DIA, 24 VDC, R12	512102 -134a
1136451	512092	HR-6-HE	PAG 150		512093 - R12
1136456	512165			Compressor, Hds Type VII, Type I "A" Pulley	-----
1136521	512159	HT-6	PAG 150	Compressor, HT-6 Direct Mount	----
1136566	512093	HDS	PAG 150	Compressor, HR-6-HE, R134a, 6 Grv, Poly-V	512092 - R12
1138008	512126	A6	PAG 150	Delco A6, R134a, Pag, 12 VDC, Single 1/2" 'V' Grv (Formerly 512073)	512073 - 134a
1138015	512096	A6	PAG 150	Compressor Assy, 512144 w/Label, 12 VDC, Single 5/8" Grv, 4.73" Dia, CW Rotation, 10 O'clock Plug	----
2521156	512086	TM15	PAG 46	DKS15CH, R134a, 150CC Dis, Vertical MIO 5/8 x 1/2, Single 'A' Grv (Overhang), 125MM Dia Clutch, 12 VDC, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
2521157	512084	TM15	PAG 46	ICE TM15, 135MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512186
2521159	512130	TM15	PAG 46	ICE, TM15, 159MM, 1 Var Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
2521161	512121	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018 Note : DO NOT SUBSTITUTE FOR FORD 7.3L Ford	512139
2521166	512086	TM15	PAG 46	DKS15CH, R134a, 150CC Dis, Vertical MIO 5/8 x 1/2, Single 'A' Grv (Overhang), 125MM Dia Clutch, 12 VDC, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
2521168	512075	TM-15	PAG 46	TM15,125MM,2'A'GRV H-T/O, Pag 46 oil, T/A p/n 913018	512068
2521170	512087	TM15	PAG 46	ICE TM15, 119MM, 6 Grv, H-T/O, 6 Grv, Vertical MIO, 12V, Direct Mount, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512098
2521173	512088	TM15	PAG 46	ICE TM15, 119MM, 8 Grv, H-T/O, Horizontal Tube "O", 12V, Univ Mntg Ears, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512059
2521176	512147	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512210
2521190	512131	TM16	PAG 46	ICE TM16, 159MM, 1 Var Grv, V-MIO, 24V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
2521195	512263	TM16	PAG 46	TM16, 119MM, 8 Groove, V-MIO, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512129
2521198	512117	TM16	PAG 46	DKS, TM16, 12V, 135MM, Dual 'A' Grv (Rear Port Delco Pad), Pag 46 oil, T/A p/n 913018	512103

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
2521199	512119	TM16	PAG 46	DKS, TM16, 24V, 135MM, Dual 'A' Grv Pad, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
2521201	512103	TM-16	PAG 46	ICE TM16, 125MM, 2 'A' Grv, Pad Mount, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018	512210
2521204	512113	TM16	PAG 46	ICE TM16, 125MM, Pad Mount, 1 'A' Overhang Grv, 12V, Univ Mntg Ears, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
2521206	512137	TM16	PAG 46	ICE, TM16, 119MM, 8 Grv, 12V, Pad Mount, Univ Mtg Ears, No Fitting, R134a, Pag 46 oil, T/A p/n 913018	512209
2521209	512149	TM31	PAG 46	Compressor, ICE, TM31, 152MM, 2 'A' Grv, 12V, R134a, Pag 46 oil, T/A p/n 913018	-----
2521211	512150	TM31	PAG 46	ICE, TM31, 158MM, 2 'B' Grv, 12V, R134a, Pag 46 oil, T/A p/n 913018	-----
2521212	512148	TM31	PAG 46	Compressor, TM31, Dual 5/8 Grv, 24V, Pag 46 oil, T/A p/n 913018	-----
2521213	512264	TM31	PAG 46	Compressor, TM31, 152MM 8 Groove, Pag 46 oil, T/A p/n 913018	512204
2521280	512256	TM15	PAG 46	Compressor, 10 CID, 119MM, 8 Groove, 12 Volt, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
2521387	512110	TM15	PAG 46	TM15,HD PAD FTG,2 A-GRV, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
2521445	512218	TM16	PAG 46	TM16, 119MM, 8 GRV, 24V, Ftg Pad, Pag 46 oil, T/A p/n 913018	----
2521480	512124	TM16	PAG 46	ICE, TM16, 159MM, 1 Var Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
2521562	512265	TM21	PAG 46	TM21, 13CID, 137MM 8 Groove, Pag 46 oil, T/A p/n 913018	512208
2521563	512219	TM21	PAG 46	TM21,137MM, 8 Grv, 24V, Ftg Pad, Pag 46 oil, T/A p/n 913018	----
2521564	512269	TM21	PAG 46	TM21, 13CID, 145MM, 2 "A" Groove, Pag 46 oil, T/A p/n 913018	512220
2521657	512271	TM21	PAG 46	TM21, 13CID, 127MM, 8 Groove,12V, Pag 46 oil, T/A p/n 913018	512236
4527260	512271	TM21	PAG 46	TM21, 13CID, 127MM, 8 Groove,12V, Pag 46 oil, T/A p/n 913018	512271
10067260	512271	TM21	PAG 46	TM21, 13CID, 127MM, 8 Groove,12V, Pag 46 oil, T/A p/n 913018	512271
11380072	512102	A6	PAG 150	Delco A6, R134a, 24VDC, 5" Single 1/2 V Groove	512065 --R12
1131647L	512079	A6	PAG 150	12.6 CID, A6 DELCO, SINGLE 5/8" B GRV, 4.73 DIA PULLEY, R12, 24 VDC	----
1138002L	512123	A6	PAG 150	DELCO A6, SINGLE GRV, R134A, 24 VOLT	----
1138030L	512145	A6	PAG 150	Delco A6, R134a, Pag, 12 VDC, 8K Groove Clutch	----
435-55021	512084	TM-15	PAG 46	ICE TM15, 135MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512186
435-55035	512130	TM15	PAG 46	ICE, TM15, 159MM, 1 Var Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
435-55043	512121	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018	512139

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
435-55063	512086	TM15	PAG 46	DKS15CH, R134a, 150CC Dis, Vertical MIO 5/8 x 1/2, Single 'A' Grv (Overhang), 125MM Dia Clutch, 12 VDC, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
435-55075	512075	TM-15	PAG 46	TM15,125MM,2'A'GRV H-T/O, Pag 46 oil, T/A p/n 913018	512068
435-55082	512256	TM15	PAG 46	Compressor, 10 CID, 119MM, 8 Groove, 12 Volt, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
435-55088	512087	TM15	PAG 46	ICE TM15, 119MM, 6 Grv, H-T/O, 6 Grv, Vertical MIO, 12V, Direct Mount, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512089
435-55126	512088	TM15	PAG 46	ICE TM15, 119MM, 8 Grv, H-T/O, Horizontal Tube "O", 12V, Univ Mntg Ears, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512059
435-55210	512110	TM15	PAG 46	TM15,HD PAD FTG,2 A-GRV, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
435-55222	512147	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512210
435-56057	512131	TM16	PAG 46	ICE TM16, 159MM, 1 Var Grv, V-MIO, 24V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
435-56120	512263	TM16	PAG 46	TM16, 119MM, 8 Groove, V-MIO, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512129
435-56210	512117	TM16	PAG 46	DKS, TM16, 12V, 135MM, Dual 'A' Grv (Rear Port Delco Pad),Pag 46 oil, T/A p/n 913018	512103
435-56212	512119	TM16	PAG 46	DKS, TM16, 24V, 135MM, Dual 'A' Grv Pad, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
435-56222	512103	TM-16	PAG 46	ICE TM16, 125MM, 2 'A' Grv, Pad Mount, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018	512210
435-56226	512124	TM16	PAG 46	ICE, TM16, 159MM, 1 Var Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
435-56230	512113	TM16	PAG 46	ICE TM16, 125MM, Pad Mount, 1 'A' Overhang Grv, 12V, Univ Mntg Ears, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
435-56234	512137	TM16	PAG 46	ICE, TM16, 119MM, 8 Grv, 12V, Pad Mount, Univ Mtg Ears, No Fitting, R134a, Pag 46 oil, T/A p/n 913018	512209
435-56236	512218	TM16	PAG 46	TM16, 119MM, 8 GRV, 24V, Ftg Pad,Pag 46 oil, T/A p/n 913018	----
488-45021	512084	TM-15	PAG 46	ICE TM15, 135MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512186
488-45035	512130	TM15	PAG 46	ICE, TM15, 159MM, 1 Var Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
488-45037	512110	TM15	PAG 46	TM15,HD PAD FTG,2 A-GRV, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
488-45043	512121	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Vertical MIO, 12V, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018	512139
488-45063	512086	TM15	PAG 46	DKS15CH, R134a, 150CC Dis, Vertical MIO 5/8 x 1/2, Single 'A' Grv (Overhang), 125MM Dia Clutch, 12 VDC, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
488-45075	512075	TM-15	PAG 46	TM15,125MM,2'A'GRV H-T/O, Pag 46 oil, T/A p/n 913018	512068
488-45088	512087	TM15	PAG 46	ICE TM15, 119MM, 6 Grv, H-T/O, 6 Grv, Vertical MIO, 12V, Direct Mount, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512089
488-45126	512088	TM15	PAG 46	ICE TM15, 119MM, 8 Grv, H-T/O, Horizontal Tube "O", 12V, Univ Mntg Ears, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512059
488-45210	512110	TM15	PAG 46	TM15,HD PAD FTG,2 A-GRV, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
488-45222	512147	TM15	PAG 46	ICE, TM15, 125MM, 2 'A' Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.0 cid/146.7cc, 5.0oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512210
488-46057	512131	TM16	PAG 46	ICE TM16, 159MM, 1 Var Grv, V-MIO, 24V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	-----
488-46120	512263	TM16	PAG 46	TM16, 119MM, 8 Groove, V-MIO, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	512129
488-46210	512117	TM16	PAG 46	DKS, TM16, 12V, 135MM, Dual 'A' Grv (Rear Port Delco Pad), Pag 46 oil, T/A p/n 913018	512103
488-46212	512119	TM16	PAG 46	DKS, TM16, 24V, 135MM, Dual 'A' Grv Pad, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
488-46222	512103	TM-16	PAG 46	ICE TM16, 125MM, 2 'A' Grv, Pad Mount, Univ Mntg Ears, R134a, Pag 46 oil, T/A p/n 913018	512210
488-46226	512124	TM16	PAG 46	ICE, TM16, 159MM, 1 Var Grv, Pad Mount, 12V, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
488-46230	512113	TM16	PAG 46	ICE TM16, 125MM, Pad Mount, 1 'A' Overhang Grv, 12V, Univ Mntg Ears, 9.9 cid/162.9 cc, 6.0 oz oil ZXL 100pg, Pag 46 oil, T/A p/n 913018	----
488-46234	512137	TM16	PAG 46	ICE, TM16, 119MM, 8 Grv, 12V, Pad Mount, Univ Mtg Ears, No Fitting, R134a, Pag 46 oil, T/A p/n 913018	512209
488-46236	512218	TM16	PAG 46	TM16, 119MM, 8 GRV, 24V, Ftg Pad, Pag 46 oil, T/A p/n 913018	----
488-46500	512149	TM31	PAG 46	Compressor, ICE, TM31, 152MM, 2 'A' Grv, 12V, R134a, Pag 46 oil, T/A p/n 913018	-----
488-46520	512150	TM31	PAG 46	ICE, TM31, 158MM, 2 'B' Grv, 12V, R134a, Pag 46 oil, T/A p/n 913018	----
488-46530	512148	TM31	PAG 46	Compressor, TM31, Dual 5/8 Grv, 24V, Pag 46 oil, T/A p/n 913018	-----
488-46540	512264	TM31	PAG 46	Compressor, TM31, 152MM 8 Groove, Pag 46 oil, T/A p/n 913018	512204
488-47240	512269	TM21	PAG 46	TM21, 13CID, 145MM, 2 "A" Groove, Pag 46 oil, T/A p/n 913018	512220
488-47244	512265	TM21	PAG 46	TM21, 13CID, 137MM 8 Groove, Pag 46 oil, T/A p/n 913018	512208

Compressor Cross Reference

Mfg Part Number	Trans /Air Part Number	Model	Oil Weight	Description	Other Comp equivalent
488-47246	512219	TM21	PAG 46	TM21,137MM, 8 Grv, 24V, Ftg Pad, Pag 46 oil, T/A p/n 913018	----
50-039MZ	512041	A6		Compressor, Delco A6, (Rebuilt) W/O OIL	-----
50-039MZ	512172	A6	PAG 150	Compressor Assy, 512041 with Oil	-----
QP16-1195	512129	QP16	PAG 46	QP16, 119MM, 8 Grv, 12V, Vertical MIO, Univ Mntg Ears, R134a, 9.9 cid/162.9 cc, 6.0 oz Pag 46 oil, T/A p/n 913018	512143
QP21-1562	512208	QP21	PAG 46	QP21, 13CID,137MM, 8 Grv, 12V, Pag 46 oil, T/A p/n 913018	512265
QP21-1564	512220	QP21	PAG 46	QP21, 13CID, 145MM, 2 "A" Groove, Pag 46 oil, T/A p/n 913018	512269
QP21-1657	512236	QP21	PAG 46	QP21, 13CID, 127MM, 8 Grv, 12V, Pag 46 oil, T/A p/n 913018	512271
QP21-1700	512242	QP21	PAG 46	QP21, 13CID, 127MM, 10 Groove, 12V, Pag 46 oil, T/A p/n 913018	----
QP21-1701	512254	QP21	PAG 46	QP21, 127MM, 10 Groove, 24 Volt, Pag 46 oil, T/A p/n 913018	----
QP21-1704	512243	QP21	PAG 46	QP21, 127MM, 8 Groove, 24V, Pag 46 oil, T/A p/n 913018	----
QP31-1213	512204	QP31	PAG 46	QP31 152MM, 8 Groove, Pag 46 oil, T/A p/n 913018	512264
QP7H15-4419	512224	QP7H15	PAG 46	QP7H15, 2 'A' Grv, Direct Mt, 9.5 cid/155 cc, 6.8 oz Pag 46 oil, T/A p/n 913018	512070
QP7H15-4420	512226	QP7H15	PAG 46	Compressor, QP7H15, PV8, Pad-Style, Dir, 9.5 cid/155 cc, 6.8 oz Pag 46 oil, T/A p/n 913018	512253
QP7H15-4641	512221	QP7H15	PAG 46	QP7H15 6 Grv, Direct Mount, 9.5 cid/155 cc, 8.1 oz SP 20 oil, Pag 46 oil, T/A p/n 913018	512268
QP7H15-4666	512090	QP7H15	PAG 46	QP7H15, R134a, 9.5 cid/155 cc, 8.1 oz Pag 46 oil, T/A p/n 913018	----
QP7H15-4860	512210	QP7H15	PAG 46	QP7H15 FLX, (2) A Grv, Pad Ftg, 9.5 cid/155 cc, 6.8 oz Pag 46 oil, T/A p/n 913018	512103, 512267
QP7H15-4864	512209	QP7H15	PAG 46	QP7H15 FLX, PV8, Pad Ftg, 9.5 cid/155 cc, 6.8 oz Pag 46 oil, T/A p/n 913018	512137, 512226
UP-150	512167	UP-150		Compressor, Unicla Up-150, W/27201-0020 CLUTCH ASSY, AA Grv, 12V	-----
UP-170/27201-01200	512191	UP-170		Compressor, Unicla, Up-170, 8 Grv, 12V, EQUIVALENT TO 512129	-----

Boiling Point of Water at Various Vacuum Levels

Temp. F	Temp. C	Microns	Inches of HG Vacuum	Pressure PSIA
212	100	759,968	0.00	14.696
205	96.11	535,000	4.92	12.279
194	90	525,526	9.23	10.162
176	80	355,092	15.94	6.866
158	70	233,680	20.72	4.519
140	60	149,352	24.04	2.888
122	50	92,456	26.28	1.788
104	40	55,118	27.75	1.066
86	30	31,750	28.67	0.614
80	26.67	25,400	28.92	0.491
76	24.44	22,860	29.02	0.442
72	22.22	20,320	29.12	0.393
69	20.56	17,780	29.22	0.344
64	17.78	15,240	29.32	0.295
59	15	12,700	29.42	0.246
53	11.67	10,160	29.52	0.196
45	7.22	7,620	29.62	0.147
32	0	4,572	29.74	0.088
21	-6.11	2,540	29.82	0.049
6	-14.44	1,270	29.87	0.0245
-24	-31.11	254	29.91	0.0049
-35	-37.22	127	29.9150	0.00245
-60	-51.11	25.40	29.9190	0.00049
-70	-56.67	12.70	29.9195	0.00024
-90	-67.78	2.54	29.9199	0.00005
--		0.00	29.9200	0.000000

BOLT TORQUE

Metric --- Capscrew Markings and Torque Values

Torque Values Markings – Numeric on head of bolt (8.8, 10.9, 12.9, etc)

Body Size	Torque (8.8)				Torque (10.9)				Torque (12.9)			
Dia. (mm)	Cast Iron		Aluminum		Cast Iron		Aluminum		Cast Iron		Aluminum	
	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb
6	9	7	7	5	14	9	11	8	14	9	11	8
7	14	10	11	8	18	13	14	10	23	18	18	13
8	25	18	18	13	32	23	25	18	36	27	28	21
10	40	30	30	22	60	45	45	35	70	50	55	40
12	70	55	55	40	105	75	80	60	125	95	100	75
14	115	85	90	65	160	120	125	95	195	145	150	110
16	180	130	140	100	240	175	190	135	290	210	220	165
18	230	170	180	135	320	240	250	185	400	290	310	230

U.S. Customary - SAE --- Capscrew Markings and Torque Values

Torque Values Markings – Spokes on head of bolt (3 = grade 5 / 6 = grade 8)

Body Dia. (mm)	Torque (5)				Torque (8)		Size	
	Cast Iron		Aluminum		Cast Iron		Aluminum	
	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb
1/4 - 20.	9	7	8	6	15	11	12	9
1/4 - 28.	12	9	9	7	18	13	14	10
5/16 – 18	20	15	16	12	30	22	24	18
5/16 – 24	23	17	19	14	33	24	25	19
3/8 – 16	40	30	25	20	55	40	40	30
3/8 – 24	40	30	35	25	60	45	45	35
7/16 – 14	60	45	45	35	90	65	65	50
7/16 – 20	65	50	55	40	95	70	75	55
1/2 - 13.	95	70	75	55	130	95	100	75
1/2 - 20.	100	75	80	60	150	110	120	90
9/16 – 12	135	100	110	80	190	140	150	110
9/16 – 18	150	110	115	85	210	155	170	125
5/8 – 11	180	135	150	110	255	190	205	150
5/8 – 18	210	155	160	120	290	215	230	170
3/4 - 10.	325	240	255	190	460	340	365	270
3/4 - 16.	365	270	285	210	515	380	410	300

BELT TENSION

Belt Tension (pounds) -- Using Kriket Gage

Belt Type Width (Inches)	New Belt Installation Tension	Running Tension	Re-set to Running Tension When Tension Falls Below:	Gage Type (Kriket)
'V' - 3/8"	110	70 - 90	70	P/N 91107
'V' - 7/16"	110	80 - 95	80	P/N 91107
'V' - 1/2"	110	80 - 100	80	P/N 91107
Poly-V	130	100-110	100	P/N 91132

RECOMMENDED STANDARD FITTING TORQUE

Flare Connections

<u>Tube O.D.</u>	<u>Thread Size</u>	<u>Ft/Lb</u>
1/4"	7/16"	11-12.
3/8"	5/8"	18-20
1/2"	3/4"	36-39
5/8"	7/8"	52-57
3/4"	1 1/16"	71-79

O-Ring Connections

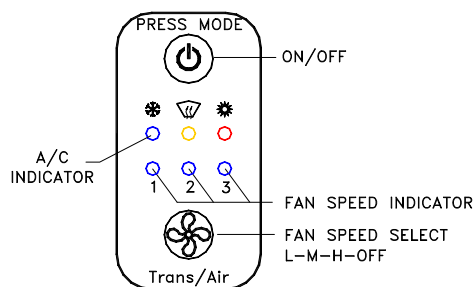
1/4"	7/16"	5-7.
3/8"	5/8"	11-13.
3/8"	11/16"	11-13.
1/2"	3/4"	15-20
5/8"	7/8"	21-27
3/4"	1 1/16"	28-33

Cross Reference of Vacuum Measurements

MICRONS	INCHES OF HG VACUUM	PRESSURE PSIA
759,968	0.00	14.696
535,000	4.92	12.279
525,526	9.23	10.162
355,092	15.94	6.866
233,680	20.72	4.519
149,352	24.04	2.888
92,456	26.28	1.788
55,118	27.75	1.066
31,750	28.67	0.614
25,400	28.92	0.491
22,860	29.02	0.442
20,320	29.12	0.393
17,780	29.22	0.344
15,240	29.32	0.295
12,700	29.42	0.246
10,160	29.52	0.196
7,620	29.62	0.147
4,572	29.74	0.088
2,540	29.82	0.049
1,270	29.87	0.0245
254	29.91	0.0049
127	29.915	0.00245
25.4	29.919	0.00049
12.7	29.9195	0.00024
2.5	29.9199	0.00005
0.00	29.92	0.00000

Operation Manual

Trans/Air EC 2.0 Climate Control System



Turn system on

With the vehicle running, press the MODE button to turn EC2.0 system on. The A/C indicator will light up indicating system is in A/C mode. Fan speed indicator 1 will light up indicating the fan speed is Low. Compressor clutch will engage automatically regardless of cabin air temperature.

Change fan speed

Press the FAN button to change the fan speed between Low, Medium, and High.

Turn system off

Press the MODE button. The A/C indicator and fan speed indicator will turn off.

Fan Only mode operation

Press the FAN button while the EC2.0 system is off. The A/C system will be running in Fan Only mode. (Only evaporator blowers run, compressor and condenser remain off.) Press the FAN button to set the fan to desired speed (Low, Medium or High). To turn Fan Only mode off, just keep pressing the FAN button until all the fan speed indicators turn off.

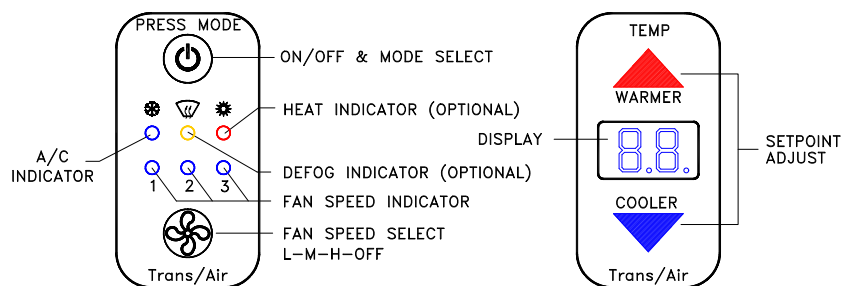


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Operation Manual

Trans/Air EC 2.5 Climate Control System



The EC2.5 climate control system has two driver control modules: Mode/Fan control switch and Thermostat. The Mode/Fan control switch turns system on/off and controls evaporator blower speed. The Thermostat displays cabin air temperature, service codes and adjusts set point temperature.

BASIC OPERATION

Turn system on

With the vehicle running, press the MODE button to turn EC2.5 system on. The A/C indicator will light up indicating system is in A/C mode. Fan speed indicator 1 will light up indicating the fan speed is Low. Thermostat will also turn on automatically. LED display shows cabin air temperature.

Select mode of operation (Heat / Defog Optional)

Press the MODE button to change the operation mode between A/C, Defog or Heat.

Change fan speed

Press the FAN button to change the fan speed between Low, Medium, and High.

Change set point temperature

The thermostat LCD display shows cabin air temperature during normal operation. Press UP or DOWN arrow once for set point mode. The set point temperature and a flashing decimal point will be displayed on the LED in set point mode. Press the UP or DOWN arrow again to adjust the set point to the desired value. After 5 seconds, EC2.5 will switch back to normal operating mode displaying cabin temperature. The new set point then becomes effective.

The default set point temperature is 70°F. This setting is stored in EC2.5's non-volatile memory. It takes effect every time the system turns on. To change the default set point temperature setting, go into the setting mode and adjust the set point to the desired value, then press the UP and DOWN arrow **simultaneously**. The new set point value will be stored into the non-volatile memory and become the default set point.

Turn system off

Press the MODE button until all the mode indicators turn off. The fan speed indicators and the thermostat LCD display will turn off consequently.

Fan Only mode operation

Press the FAN button while the EC2.5 system is off. The A/C system will be running in Fan Only mode. (Only evaporator blowers run, compressor and condenser remain off.) Press the FAN button to set the fan to desired speed (Low, Medium or High). In Fan Only mode, the thermostat LCD still shows the cabin air temperature. To turn Fan Only mode off, just keep pressing the FAN button until all the fan speed indicators turn off.

TROUBLE SHOOTING

Service Indicator	
Hi	Internal temperature above 90 °F
Lo	Internal temperature below 60 °F
Sr	Service required High pressure fault or Low pressure fault

No service required when the thermostat LCD shows “Hi” or “Lo”.

Turn the system off and then turn it back on to reset the “Sr” code. Service is required if “Sr” code can not be reset.

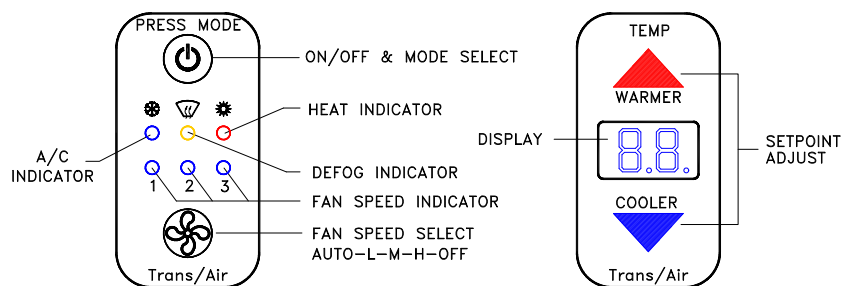


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Operation Manual

Trans/Air EC 3 Climate Control System



The EC3 climate control system has two driver control modules: Mode/Fan control switch and Thermostat. The Mode/Fan control switch controls system operating mode and evaporator blower speed. The Thermostat displays cabin air temperature, fault codes and adjusts set point temperature.

BASIC OPERATION

Turn system on

With the vehicle running, press the **MODE** button to turn EC3 system on. The A/C indicator will light up indicating system is in A/C mode. All 3 fan speed indicators will light up indicating the fan speed is in Auto mode. This is the default mode of operation. Thermostat will also turn on automatically. LED display shows cabin air temperature.

Select operating mode

Press the **MODE** button to change the operating mode between A/C, Defog and Heat.

Change fan speed

Press the **FAN** button to change the fan speed between Auto, High, Medium, and Low. In Auto fan speed, the evaporator fan speed is controlled automatically by EC3 system based on the difference of the cabin air temperature and the set point temperature.

Change set point temperature

Press the **▲** or **▼** once for set point mode. The set point temperature and a flashing decimal point will be displayed on the LED in set point mode. Press the **▲** or **▼** again to adjust the set point to the desired value. After 5 seconds, EC3 will switch back to normal operating mode displaying cabin temperature. The new set point then becomes effective.

The default set point temperature is 70°F. This setting is stored in EC3's non-volatile memory. It takes effect every time the EC3 system turns on. To change the default set point temperature setting, go into the setting mode and adjust the set point to the desired value, then press the **▲** and **▼** **simultaneously**. The new set

point value will be stored into the non-volatile memory and become the default set point.

Turn system off

Press the **MODE** button until all the mode indicators turn off. The fan speed indicators and the thermostat LCD display will turn off consequently.

Fan Only mode operation

Press the **MODE** button to turn EC3 system off and then press the **FAN** button. The A/C system will be running in Fan Only mode. (Only evaporator blowers run, compressor and condenser remain off.) Press the **FAN** button to set the fan to desired speed (Auto, Low, Medium or High). In Fan Only mode, the thermostat LCD still shows the cabin air temperature. To turn Fan Only mode off, just keep pressing the **FAN** button until all the fan speed indicators turn off.

TROUBLE SHOOTING

Fault code listing

Fault Code	Description
HP	High pressure fault
LP	Low pressure fault
Fr	Freezestat fault
Lu	Low clutch voltage/ Blown fuse
bF	Blown fuse
System Indicator	
Hi	Return air temperature above 90 °F
Lo	Return air temperature below 60 °F
Sr	Maintenance required

Reset fault code

Turn the system off and then turn it back on.

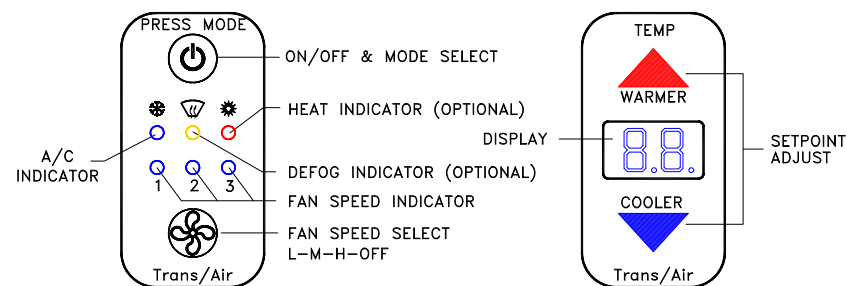


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Operation Manual

Trans/Air EC 4.0 Climate Control System



The EC4.0 climate control system has two driver control modules: Mode/Fan control switch and Thermostat. The Mode/Fan control switch turns system on/off and controls evaporator blower speed. The Thermostat displays cabin air temperature, fault and service codes, and adjusts set point temperature.

BASIC OPERATION

Turn system on

With the vehicle running, press the MODE button to turn EC4.0 system on. The A/C indicator will light up indicating system is in A/C mode. Fan speed indicator 1 will light up indicating the fan speed is Low. Thermostat will also turn on automatically. LED display shows cabin air temperature.

Select mode of operation (Heat / Defog Optional)

Press the MODE button to change the operation mode between A/C, Defog or Heat.

Change fan speed

Press the FAN button to change the fan speed between Low, Medium, and High.

Change set point temperature

The thermostat LCD display shows cabin air temperature during normal operation. Press UP or DOWN arrow once for set point mode. The set point temperature and a flashing decimal point will be displayed on the LED in set point mode. Press the UP or DOWN arrow again to adjust the set point to the desired value. After 5 seconds, EC4.0 will switch back to normal operating mode displaying cabin temperature. The new set point then becomes effective.

The default set point temperature is 70°F. This setting is stored in EC4.0’s non-volatile memory. It takes effect every time the system turns on. To change the default set point temperature setting, go into the setting mode and adjust the set point to the desired value, then press the UP and DOWN arrow **simultaneously**. The new set point value will be stored into the non-volatile memory and become the default set point.

Turn system off

Press the MODE button until all the mode indicators turn off. The fan speed indicators and the thermostat LCD display will turn off consequently.

Fan Only mode operation

Press the FAN button while the EC4.0 system is off. The A/C system will be running in Fan Only mode. (Only evaporator blowers run, compressor and condenser remain off.) Press the FAN button to set the fan to desired speed (Low, Medium or High). In Fan Only mode, the thermostat LCD still shows the cabin air temperature. To turn Fan Only mode off, keep pressing the FAN button until all the fan speed indicators turn off.

TROUBLE SHOOTING

Fault Code	Description
HP	High pressure fault
LP	Low pressure fault
Lu	Low clutch voltage/blown fuse
Sr	Maintenance required
System Indicator	
Hi	Return air temperature above 90°F
Lo	Return air temperature below 60°F
Sr	1500 Hr Service Reminder

No service required when the thermostat LCD shows “Hi” or “Lo”. Turn the system off and then turn it back on to reset the “Sr” code. Service is required if “Sr” code can not be reset.



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Super heat

- 1. Measure the temperature of the suction line at the point the bulb is clamped.
 - 2. Obtain the suction pressure that exists in the suction line at the bulb location by either of the following methods:
 - a. A gauge in the external equalized line will indicate the pressure directly and accurately.
 - b. A gauge directly in the suction line near the evaporator or directly in the suction header of the evaporator will yield the same reading as 2a above.
 - 3. Convert the pressure obtained in 2a or 2b above to saturated evaporator temperature by using a temperature-pressure chart.
 - 4. Subtract the saturated temperature from the actual suction line temperature. The difference is Superheat.
- Alternative Superheat Method

Note: The most accurate method of measuring superheat is found by following the previous procedure, Temperature / Pressure method. However, that method may not always be practical. An alternative method which will yield fairly accurate results is the temperature / temperature method:

- 1. Measure the temperature of the suction line at the point the bulb is clamped (outlet).
 - 2. Measure the temperature of one of the distributor tubes close to the evaporator coil (inlet).
 - 3. Subtract the inlet temperature from the outlet temperature. The difference is Superheat.
- This method will yield fairly accurate results as long as the pressure drop through the evaporator coil is low.

Temperature Pressure Chart

F	C	R-12	R-134 A	F	C	R-12	R-134 A	F	C	R-12	R-134 A
-120	-65			16	-1.1	18.4	15.8	98	43.3	113.5	120.1
-115	-62.2			18	0	19.7	17.2	100	44.4	117.2	124.3
-110	-59.4			20	1.1	21	18.6	102	45.6	120.9	128.5
-105	-56.7			22	2.2	22.4	20	104	46.1	124.7	132.9
-100	-53.9			24	3.3	23.9	21.5	105	46.7		135
-95	-51.1			26	4.4	25.4	23.1	106	47.8	128.5	137.3
-90	-48.3			28	5.6	26.9	24.7	108	48.9	132.4	142.8
-85	-45.6			30	6.7	28.5	26.3	110	50	136.4	146.5
-80	-44.4			32	7.8	30.1	28	112	51.1	140.5	151.3
-75	-43.3			34	8.9	31.7	29.7	114	51.7	144.7	156.1
-70	-42.2			36	10	33.4	31.5	115	52.2		158
-65	-41.1			38	10	35.2	33.4	116	53.3	148.8	161.1
-60	-40			40	11.1	36.9	35.3	118	54.4	153.2	166.1
-55	-38.9			42	12.2	38.8	37.3	120	55.6	157.7	171.3
-50	-37.8	15.4	19.1	44	12.8	40.7	39.3	122	56.7	162.2	176.6
-48	-36.7	14.6	18.4	46	13.3	42.7	41.4	124	57.2	166.7	182
-46	-35.6	13.8	17.7	48	14.4	44.7	43.5	125	57.8		184
-44	-34.4	12.9	16.9	50	15.6	46.7	45.7	126	58.9	171.4	187.5
-42	-33.3	11.9	16.1	50	16.7			128	60	176.2	193.1
-40	-32.2	11	15.2	52	17.8	48.8	47.7	130	61.1	181	198.9
-38	-31.1	10	14.3	54	18.3	51	50.1	132	62.2	185.9	204.7
-36	-30	8.9	13.4	55	18.9		51.5	134	62.8	191	210.7
-34	-28.9	7.8	12.4	56	20	53.2	52.3	135	63.3		213
-32	-27.8	6.7	11.3	58	21.1	55.4	55	136	64.4	196.1	216.8
-30	-26.7	5.5	10.2	60	22.2	57.7	57.7	138	65.6	201.3	223
-28	-25.6	4.3	9.1	62	23.3	60.1	60.1	140	-17.8	206.6	229.4
-26	-24.4	3	7.9	64	23.9	62.5	62.7	142	-17.8	212	235.8
-24	-23.3	1.6	6.6	65	24.4		64.3	144	-17.8	217.5	242.4
-22	-22.2	0.3	5.3	66	25.6	65	65.5	145	-17.8		246
-20	-21.1	0.6	4	68	26.7	67.6	68.3	146	-17.8	223.1	249.2
-18	-20	1.3	2.5	70	27.8	70.2	71.2	148	-17.8	228.8	256
-16	-18.9	2.1	1.1	72	28.9	72.9	74.2	150	-17.8	234.6	263
-14	-17.8	2.8	0.2	74	29.4	75.6	77.2				
-12	-16.7	3.7	1	75	30		79.8				
-10	-15.6	4.5	1.9	76	31.1	78.4	80.3				
-8	-14.4	5.4	2.7	78	32.2	81.3	83.5				
-6	-13.3	6.3	3.6	80	33.3	84.2	86.8				
-4	-12.2	7.2	4.5	82	34.4	87.2	90.2				
-2	-11.1	8.2	5.5	84	35	90.2	93.6				
0	-10	9.2	6.5	85	35.6		95.4				
2	-8.9	10.2	7.5	86	36.7	93.3	97.1				
4	-7.8	11.2	8.6	88	37.8	96.5	100.7				
6	-6.7	12.3	9.7	90	38.9	99.8	104.5				
8	-5.6	13.5	10.8	92	40	103.1	108.2				
10	-4.4	14.6	12	94	40.6	106.5	112.1				
12	-3.3	15.8	13.2	95	41.1		114				
14	-2.2	17.1	14.5	96	42.2	110	116.1				

Trans/Air Manufacturing Corporation

Limited Warranty

Subject to the conditions and limitations set forth below, for a period of two (2) years (with unlimited mileage) starting at the date of delivery to the End User and with proper registration documentation, Trans/Air Manufacturing Corporation (Trans/Air) warrants to the original owner, if still the user, that each manufactured system/component will be free from defects in factory workmanship and materials when used and maintained in accordance with the recommended procedures. Trans/Air will furnish new or remanufactured replacement parts and cover the cost of repair labor for two years following delivery in accordance with the current Trans/Air flat rate labor schedule when performed at an authorized Trans/Air Service Center. This is the End User's sole and exclusive remedy.

THIS IS TRANS/AIR'S SOLE WARRANTY AND IT IS FURNISHED IN LIEU OF ANY AND ALL OTHER WARRANTIES. TRANS/AIR MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES WHATSOEVER. NO WARRANTY OF MERCHANTABILITY AND NO WARRANTY OF FITNESS FOR PARTICULAR PURPOSE IS MADE BY TRANS/AIR.

Conditions and Limitations

- 1) In order for a two (2) year system warranty to apply, the customer must purchase the evaporator(s), condenser(s), compressor(s), piping kits, electrical kits, mount kits and refrigeration hose from Trans/Air. If the full system is not purchased from Trans/Air, the two (2) year warranty applies to Trans/Air supplied evaporators and condensers only. All compressors, piping kits, and electrical kits purchased outside of a full system, will be considered a service part and will carry a 180 day warranty. All mount kits purchased outside of a full system, and used on a Trans/Air system, will be considered a service part and will carry a 180 day warranty. All mount kits purchased outside of a full system, and used on a system other than Trans/Air, will carry no warranty. All other components supplied by Trans/Air are covered by standard parts warranty (see #4 below). Extended warranty coverage may be purchased from Trans/Air at the time of purchase of the unit or system. Correction of a failure under this warranty does not extend the warranty beyond the standard two (2) year warranty period.
- 2) All auxiliary power pack engines are warranted by the engine manufacturer, only and not by Trans/Air. Trans/Air components assembled on auxiliary power packs are warranted for two (2) years or 1000 hours, whichever comes first.
- 3) Demonstration systems will be covered for the full original warranty period if delivered to an End User within 180 days after the installation date and the vehicle has not exceeded 6,000 miles at the time of delivery to the End User. If the vehicle does not meet these criteria the full warranty period may be obtained if the system passes Trans/Air's specific warranty inspection performed, at dealer's expense, at an authorized Trans/Air Service Center. Written proof that the system has passed inspection must be received by Trans/Air to complete warranty registration.
- 4) Service parts are warranted for a 180 day period from the date of sale or until the expiration of the original equipment warranty, whichever is later. (Compressors are warranted for 1 year) If required, parts covered by warranty must be returned to Trans/Air's factory in Dallastown, PA, by specified carrier freight prepaid, within standard Return Goods Authorization procedures, for evaluation, in order for Trans/Air to authorize any warranty claim.
- 5) Trans/Air will be responsible for the costs of repairs or replacement covered by warranty only if performed at an authorized Trans/Air Service Center. The Service Center is responsible for effecting repairs or replacement during the warranty period in accordance with current Trans/Air warranty procedures. A customer requesting service at a location other than an approved Service Center, or one requesting overtime, shall be responsible for all additional warranty repair expenses in excess of the flat rate allowed. Trans/Air is not responsible for towing charges.

- 6) If the customer has not properly registered the Trans/Air system, the Service Center is not authorized to render warranty services without charge. All information on the warranty registration form must be completed in its entirety and returned to Trans/Air to activate the warranty.
- 7) Trans/Air does not warrant the installation of Trans/Air products unless installed by Trans/Air or an authorized Trans/Air Turnkey installation facility. In the cases of installation related failures, which are not covered by warranty Trans/Air specifically is not responsible for failures attributable to inadequate provision by the installer of structural support or inadequate provision of electrical requirements.
- 8) This warranty does not apply in cases of a failure of Trans/Air product which is attributable to improper evacuation procedures, or the introduction of non-approved refrigerant oil, additives, or other contaminants into the system.
- 9) This warranty does not apply in cases of failure of Trans/Air product, which is attributable to failure of the end user to perform or provide preventative maintenance in accordance with Trans/Air's guidelines. Examples include, but are not limited to, failure to properly maintain belt tension, clean condenser coils, replace evaporator filters, maintain electrical systems to provide proper voltage to components, or check and tighten hardware or fittings, which may have loosened due to vibration. (See Trans/Air Preventive Maintenance Schedule)
- 10) This warranty does not apply to failure of Trans/Air product due to normal wear. Examples included but are not limited to, return air filters, refrigerant filters, power pack air filters, power pack fuel filters, power pack coolant hoses, any belts, lubricants, transit compressor oil collection rings, condenser and evaporator motor brushes, etc., all of which are considered to be expendable items.
- 11) This warranty does not apply to loss of refrigerant or any damage caused by loss of refrigerant unless directly attributable to the failure of a Trans/Air product which, at the time of the failure, was under warranty.
- 12) Trans/Air reserves the right to make changes in design or improvements to its products or parts thereof, without obligation to make or install of such changes or improvements on existing units or upon products covered by this warranty.
- 13) If Trans/Air makes a product improvement program available to the End User, Trans/Air reserves the right to limit the duration of the programs unless it is safety related. Expenses incurred in completing said product improvements after the closing date of the program are the responsibility of the End User.
- 14) Trans/Air's warranty shall not apply in the case of damage incurred during shipment, accidental damage, abuse, misuse, act of nature, or if the serial number is missing, or to any product which, in the sole opinion of Trans/Air, has been installed, altered or repaired in a manner affecting the efficiency or performance of the unit or inconsistent with Trans/Air's written procedures.
- 15) This warranty applies only within the boundaries of the whole United States, its territories, and Canada. For other available coverage that may be purchased, contact Trans/Air.

TRANS/AIR'S LIABILITY TO THE PURCHASER FOR DAMAGES FROM ANY CAUSE WHATSOEVER AND REGARDLESS OF THE FORM (S) OF ACTION, WHETHER IN CONTRACT OR TORT, INCLUDING NEGLIGENCE OR OTHERWISE, SHALL BE LIMITED TO THE VALUE OF REPAIRS TO OR REPLACEMENT OF THE DEFECTIVE COMPONENTS DURING THE WARRANTY PERIOD, AS THE EXCLUSIVE REMEDY, AND STRAIGHT TIME LABOR CHARGES AS OUTLINED IN ITS CURRENT WARRANTY PROCEDURE MANUAL AND FLATE RATE LABOR SCHEDULE. IN NO EVENT SHALL TRANS/AIR BE LIABLE WHATSOEVER FOR ANY PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR FOR LOST PROFITS OR OTHER COMMERCIAL LOSSES FROM ANY CAUSE WHATSOEVER, WHETHER OR NOT TRANS/AIR HAS RECEIVED NOTICE OF THE POSSIBILITY OR CERTAINTY OF SUCH DAMAGES OR LOSSES. TRANS/AIR WILL NOT BE LIABLE FOR ANY LOSS OCCURRING BECAUSE THE EQUIPMENT IS OUT OF SERVICE. NO ACTION OR PROCEEDING ARISING OUT OF, FOR BREACH OF, OR IN ANY MANNER RELATING TO THIS WARRANTY MAY BE BROUGHT BY ANYONE AFTER SIX (6) MONTHS FROM NOTIFICATION TO TRANS/AIR OF AN IN-WARRANTY FAILURE.

Charge Determination of Trans/Air Refrigerant and Lubricant

I. SELECT LUBRICANT

- (1) Identify the compressor to be used for the system.
- (2) Recognize the type of application and note:

TYPE OF APPLICATION	TYPE OF REFRIGERANT	TYPE OF LUBRICANT
New installation	R134a	PAG
Retrofit	R134a	PAG
Retrofit	R12	Mineral or POE

- (3) Apply the chart below to determine the type/amount of lubricant based on the compressor to be used:

COMPRESSORS		MANUFACTURER RECOMMENDED LUBRICANTS				PART NO.
Mfgr	Type	Standard	Equivalent	Viscosity	Charge, oz	Trans/Air
Alma	Delco A-6	PAG Delco 15-118	PAG Apollo G25X	150	10.0	913016
Ford	FS-10	PAG YN 12A	PAG Apollo FD46XG	46	Sys. Specific	913018
Harrison	HD6	PAG Delco 15-118	PAO Apollo G25X	150	7.8	913016
Sanden	FLX7	PAG SP 20	PAG Apollo PR	100	6.8	913017
Sanden	SD709TXV	PAG SP 20	PAG Apollo PR	100	5.1	913017
Sanden	SD709CCOT	PAG SP 20	PAG Apollo PR	100	8.1	913017
Sanden	SD5H14	PAG SP 20	PAG Apollo PR	100	7.1	913017
Sanden	SD7H15 4034	PAG SP 20	PAG Apollo PR	100	10.1	913017
Sanden	SD7H15 4628	PAG SP 20	PAG Apollo PR	100	8.1	913017
Sanden	SD7H15 4641	PAG SP 20	PAG Apollo PR	100	8.1	913017
Sanden	SD7H15 4663	PAG SP 20	PAG Apollo PR	100	4.6	913017
Sanden	SD7H15 4664	PAG SP 20	PAG Apollo PR	100	8.1	913017
Sanden	SD7H15 4666	PAG SP 20	PAG Apollo PR	100	8.1	913017
Sanden	SD7H15 4707	PAG SP 20	PAG Apollo PR	100	4.6	913017
Sanden	SD7H15 4708	PAG SP 20	PAG Apollo PR	100	4.6	913017
Sanden	SD7H15 4711	PAG SP 20	PAG Apollo PR	100	4.6	913017
Sanden	SD7H15 7819	PAG SP 20	PAG Apollo PR	100	5.1	913017
Sanden	SD7H15 7822	PAG SP 20	PAG Apollo PR	100	8.1	913017
Seltec	TM15	PAG ZXL 100	PAG Apollo PS	46	5.1	913018
Seltec	TM16	PAG ZXL 100	PAG Apollo PS	46	6.1	913018
Seltec	TM 21	PAG ZXL 100	PAG Apollo PS	46	6.1	913018
Seltec	TM -26/31	PAG ZXL 100	PAG Apollo PS	46	16.9	913018
Que	QP7H15	PAG ZXL 100	PAG Apollo PS	46	10.0	913018
Que	QP16	PAG ZXL 100	PAG Apollo PS	46	6.1	913018
Que	QP21	PAG ZXL 100	PAG Apollo PS	46	6.1	913018
Bitzer	647	POE BITZER BSE55	POE ICI RL 68S	55	84.5	913021
Bock	325/470/650	POE DEA Triton SE55	POE ICI RL 46S	55	67.7	913020
Copeland	Hermetic	POE ICI RL 32CF	POE Mobil 22 CC	32/22	64.0	913019

Charge Determination of Trans/Air Refrigerant and Lubricant

II. DETERMINE AMOUNT OF CHARGE BASED ON COMPONENT SIZE

- (1) Determine the amount of refrigerant required for each required component in the chart below.
- (2) Determine the amount of lubricant required by using a refrigerant/lubricant ratio at **1½ fl oz OF REFRIGERANT OIL FOR EVERY 1 lb R134a.**

Note: No oil added for Bock and Bitzer compressor systems.

COMPONENTS	MODEL	REFRIGERANT CHARGE (lb)	LUBRICANT CHARGE (fl oz)
EVAPORATOR	OEM Dash Air	0.80	1.20
	T/A Dash Air (27k / 40k)	0.36	0.54
	DCM II	0.28	0.42
	T/A 30 / T/A 20	0.36	0.54
	T/A 70	0.43	0.64
	T/A 71 (202971)	1.50	2.25
	T/A 71 (2021171, 2021730)	0.41	0.61
	T/A 73	0.51	0.76
	T/A 77 (202895, 2021731)	3.00 (1.50 per coil)	4.50 (2.25 per coil)
	T/A 77 (2021740, 2021767)	0.82 (0.41 per coil)	1.23 (0.61 per coil)
	T/A 93	0.44	0.66
	T/A 96	0.54	0.81
	FM 45 (2021400, 2021431)	1.50	2.25
	FM 45 (2021600)	0.46	0.69
	FM 45 (Aluminum coil)	0.29	0.43
	FM 55	0.56	0.84
	FM 55 (Aluminum coil)	0.37	0.55
	T/A 17	1.9	2.85
CONDENSER	SMC2S (slanted coil)	2.30	3.45
	SMC2S (straight coil)	1.90	2.85
	SMC2S (micro-channel coil)	1.1	1.65
	SMC3L (micro-channel coil)	1.2	1.8
	SMC3L (slanted coil)	3.20	4.80
	SMC3L (straight coil)	2.60	3.90
	SC-3	4.37	6.55
	SC-4	5.5	8.25
	C-5	4.70	7.05
	RTC-3	4.1	6.15
	RTC-6	5.5	8.25
	DKD417	4.80	7.20
	DKD656	12.50	18.75
	KL60 Condenser Dual Circuit	Estimated 23.00 (11.50 per coil)	34.50 (17.25 per coil)
	FRC (Aluminum, IC CE Chassis)	0.80	1.20
	RTC120 (micro-channel coil)	5.04 (2.52 per coil)	7.56 (3.78 per coil)
	RTC90 (micro-channel coil)	4.72 (2.36 per coil)	7 (3.5 per coil)
	RTC60 (micro-channel coil)	2.35	3.53
SYSTEM	T/A66	8.00 (4.00 per side)	12.00 (6.00 per side)
	T/A 80	8.50 (4.25 per side)	12.75 (6.38 per side)
	SUCCE-S-I	4.50	6.75
	T/A-2	12.00	18.00
	HKL5CT	12.10*	18.20
	HKL6CT	15.40*	22.60
	KL60	22.00*	33.00
	KL60T	24.20*	36.30
	KL70T	26.40*	39.60
	KL75T	26.40*	39.60
	KL80T	27.50*	41.25

*Approximate value from Konvekta BAKL60T12AB.DOC 06.10.2005.

Charge Determination of Trans/Air Refrigerant and Lubricant

III. CALCULATE TOTAL AMOUNT OF CHARGE BASED ON HOSES AND OTHER COMPONENTS

- (1) Measure hose length for each liquid/discharge/suction line.
- (2) Calculate the amount of refrigerant/lubricant based on hose sizes using chart below (left) and total up the amount of refrigerant/lubricant charge required for the system, excluding compressor (see example):

HOSE SIZE in	Hose #	REFRIGERANT lb/ft	LUBRICANT fl oz/ft
Liquid Line: 13/32	8	0.0589	0.088
	10	0.0893	0.134
	5/8	0.1395	0.209
Discharge Line: 1/2	10	0.0072	0.011
	5/8	0.0112	0.017
	3/4	0.0161	0.024
Suction Line: 5/8	12	0.002185	0.003
	3/4	0.003147	0.005
	7/8	0.004283	0.006

EXAMPLE		
System T/A733 + compressor= T/A73 + SMC3L(micro) + TM16		
Component	R134a (lb)	PAG (fl oz)
Evaporator	0.51	0.76
Condenser	1.2	1.8
10 ft Hose (13/32)	10 x .0589 = 0.589	10 x .088 = 0.88
30 ft Hose (1/2)	30 x .0072 = 0.216	30 x .011 = 0.33
40 ft Hose (5/8)	40 x .002185 = 0.0874	40 x .003 = 0.12
Total (per system)	2.6	3.9*
*NOTE: In addition to the amount of oil already in compressor		

IV. CHARGING METHOD

- (1) Calculate total charge amount as shown in **EXAMPLE**.
- (2) Charge the system with the amount obtained from above per **Trans/Air's "INSTALLATION - PROCEDURES AND GUIDELINES"** section on charging, and verify by measuring the current ambient temperature at the condenser air inlet.
- (3) Use the Pressure/Temperature (P/T) chart (shown at right) by the procedure below to verify or adjust the refrigerant and lubricant level till the pressure reading agrees with the chart:

PROCEDURE	ENTRY	EXAMPLE
1..Attach refrigeration pressure gauge on system (by Certified Mechanics only)		
2. Measure ambient (condenser inlet) air temperature and enter as Ti ⇒	Ti = ____ °F	Ti = <u>95</u> °F
3. Find refrigerant pressure corresponding to Ti in Column (A) and enter as Pr ⇒	Pr = ____ psi	Pr = <u>229</u> psi
4. Check pressure gauge reading, Ph on the discharge (high) side, compare it against Pr (as the engine running at 2000 rpm, system on and compressor engaged), and with all windows open. Note that: (a) If Ph > Pr : Reduce refrigerant charge by 4 oz increment, then wait 15 minutes for the system to stabilize. (b) If Ph < Pr : Add refrigerant as above until Ph ≅ Pr	NOTES: (a) Always keep refrigerant to lubricant ratio at 1.5 oz oil to 1 lb R134a <u>minimum</u> in the system. (b) For best results cabin temperature and ambient temperature should be equal. (c) Always use properly calibrated gauges.	

AMBIENT TEMP. °F	REFRIGERANT PRESSURE, psig
R134a	(A)
60	95
63	104
65	112
68	122
70	131
73	142
75	151
78	161
80	169
83	179
85	187
88	199
90	208
93	220
95	229
98	242
100	253
103	267
105	277
108	292
110	304
113	*
115	*
118	*
120	*

* When charging at ambient temperatures above 110 °F contact Trans/Air MFG for directions.