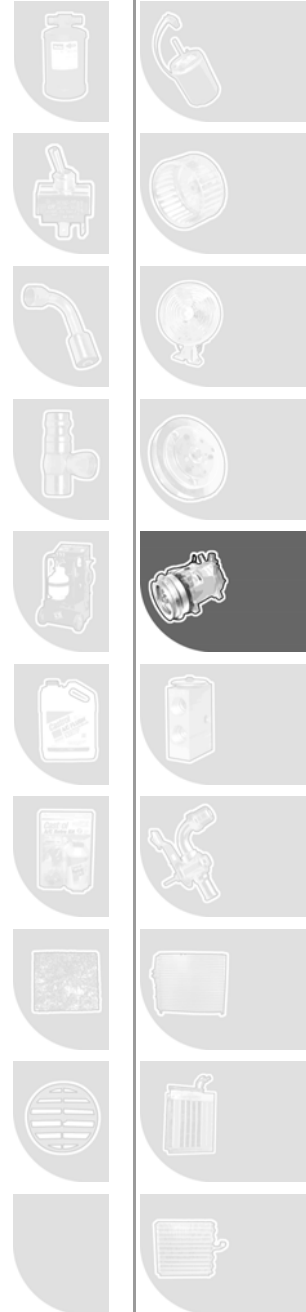


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R-12 Compressors






















R12 Compressor Specifications

Model No.	Mount Type	Clutch Style	Clutch Type	Volt	Head Type	Sanden Clutch Assembly No.	Sanden No.	Kysor No.
SD510HD	EAR	B	2 Groove 132mm	12V	FG		5742	1401001
SD709	EAR	A	2 Groove 125mm	12V	FC	6511-6110	7409	1401003
SD508	EAR	B	2 Groove 132mm	12V	B	6514-6210	8390	1401004
SD508HD	EAR	B	2 Groove 132mm	12V	M	6519-6010	9026	1401005
SD510HD	EAR	B	2 Groove 132mm	12V	B	6519-6010	9103	1401006
SD510HD	EAR	B	2 Groove 132mm	24V	B	6519-6210	9105	1401007
SD510HD	EAR	NONE	NONE	NONE	C	6519-6010	91143	1401008
SD510HD	EAR	C	1 Groove 158mm	12V	C	6521-6010	9119	1401009
SD510HD	EAR	B	2 Groove 132mm	12V	FG	6519-6010	9120	1401010
SD510HD	EAR	C	1 Groove 158mm	24V	C	6521-6210	9122	1401011
SD508	EAR	B	2 Groove 132mm	12V	FG	6514-6210	9285	1401012

R-134a Compressors

COMPRESSORS



<p>Part No. 1401100</p> 	<p>Part No. 1401101</p> 	<p>Part No. 1401102</p> 	<p>Part No. 1401103</p> 
<p>Part No. 1401104</p> 	<p>Part No. 1401107</p> 	<p>Part No. 1401108</p> 	<p>Part No. 1401110</p> 
<p>Part No. 1401112</p> 	<p>Part No. 1401113</p> 	<p>Part No. 1401114</p> 	<p>Part No. 1401115</p> 
<p>Part No. 1401116</p> 	<p>Part No. 1401123</p> 	<p>Part No. 1401135</p> 	<p>Part No. 1401136</p> 
<p>Part No. 1401138</p> 	<p>Part No. 1401334</p> 	<p>Part No. 1401349</p> 	

R-134a Compressor Specifications

Model No.	Mount Type	Clutch Style	Clutch Type	Volt	Head Type	Sanden Clutch Assembly No.	Shaft Type	OEM Clutch Replacement	Notes	Sanden No.	Kysor No.
SD5H14	EAR	B	132	24V	FL	6514-6310		1399043		4507	1401100
SD5H14	EAR	H	125	12V	FL	6518-6010				4508	1401101
SD5H14	EAR	B	132	12V	FL	6514-6210		1399041		4509	1401102
SD5H14HD	EAR	B	132	12V	FL	6519-6010		1399041		6664/4510	1401103
SD5H14HD	EAR	C	158	12V	C	6521-6010		1399030		4511	1401104
SD7H15	EAR	B	132	12V	WJ	6504-6010	2	1399041		4469/4603	1401106
SD7H15HD	DIRECT ADM/LDM	B	132	12V	JD	6511-6010	2	1399041		4626	1401107
SD7H15HD	EAR	B	125	12V	JD	6511-6110	2			4627	1401108
SD7H15SHD	EAR	S	133	12V	KC	6586-6010				4637	1401109
SD7H15HD	EAR	E	119	12V	JDA	4545-9931	2			4645	1401110
SD7H15HD	EAR	B	132	12V	MJ	6504-6310	2	1399041		4646	1401111
SD7H15HD	EAR	B	132	12V	JDA	6504-6310	2	1399041		4647	1401112
SD7H15HD	EAR	A	125	24V	JD	6511-6310				4652	1401113
SD7H15	EAR	F	119	12V	JDA	4660-9931	2			8103/4660	1401114
SD7H15HD	EAR	B	132	12	JD	4647-9931	2	1399041		4664/8104	1401115
SD7H15HD	EAR	E	119	12V	JD	6512-6210				4665	1401116
SD7H15	DIRECT ADM/LDM	M	119	12V	KC	4667-9931	2		3	4667	1401117
SD7H15HD	EAR	F	119	12V	MDA	4672-9931	2			4672	1401118
SD7H15HD	DIRECT ADM/LDM	Q	125	12V	CBA	6574-6010	2			4687	1401119
SD7H15HD	EAR	M	119	12V	MJ	4734-9931	2		3	4776/4734	1401120
SD7H15HD	EAR	J	132	12V	MJ	4752-9931	2	1399041	3	4735	1401121
SD7H15HD	EAR	J	132	12V	JDA	4752-9931	2	1399041	3	4736	1401122
SD7H15HD	EAR	C	158	12V	CB			1399030		4745	1401123
SD7H15HD	DIRECT ADM/LDM	J	132	12V	JD	4752-9931	2	1399041	3	4752	1401125
SD7H15	DIRECT	Q	125	12V	C	4756-9931	1			4756	1401126
SD7H15HD	DIRECT	Q	125	12V	MDA		1			4761	1401127
SD7H15HD	EAR	F	119	24V	JD	4762-9931				4762	1401128
SD7H15	DIRECT	F	119	12V	WH	4767-9931	1			4767	1401129
SD7H15	DIRECT	M	119	12V	M	4776-9931	1		3	4776	1401130
SD7H15HD	DIRECT	F	119	12V	JDA	4734-9931	2			4822	1401133
SD7H15	EAR	A	125	12V	MD	6560-6010				7819	1401135
SD5H14HD	EAR	B	132	24V	K	6519-6210		1399043		4537	1401136
SD7H15HD	EAR	C	158	12V	JD			1399030		4746	1401138
SD7H15SHD	EAR	R	138	24V	GK	6506-6010	2			4604	1401139
SD7H15HD	EAR	B	132	12V	CB	6504-6210		1399041		4643	1401330
SD7H15	EAR	A	125	12V	JD	6560-6010				4663	1401331
SD5H14HD	EAR	D	122	12V	FL	8545-6310				4530	1401332
SD5H14HD	EAR	B	132	12V	K	6519-6010		1399041		4536	1401333
SD7H15	EAR	N	130	12V	KC	4659-9931	2			4659/4781	1401334
SD7H15	DIRECT	G	119	12V	JD	6516-6010				4628	1401335
SD5H14	EAR	B	132	24V	FL	6519-6210		1399043		4506	1401336
SD7H15	DIRECT	F	119	12V	GH	4734-9931	2			4818	1401338
SD7H15	DIRECT	Q	125	12V	GH	4756-9931	1			4819	1401339
SD7H15	EAR	F	119	12V	GH	4734-9931	2			4820	1401340
SD7H15	EAR	B	132	12V	GH	4752-9931	2			4821	1401341
SD7H15	EAR	N	130	12V	KC	4700-9931	2			4700	1401344
SD7H15 HD	DIRECT	Q	125	12V	GWA	4756-9931	1			4815	1401349
SD7H15HD	EAR	A	125	12V	QM					7803	1401350
SD7H15HD	DIRECT	G	119	12V	WH					4303	1401353
SD7H15HD	DIRECT	Q	125	12V	WJ					4304	1401354

COMPRESSORS



FLX 7 Compressors

Sanden's new, flexible compressor series...

WHAT IS THE FLX 7?

SD7H15 Durability

The FLX7 starts with the same SD7H15 compressor known throughout the automotive industry for its performance and durability.

FLX7 Features and Benefits

The FLX7 is an optimized version of the SD7H15 compressor which utilizes interchangeable parts to increase flexibility and adaptability to a variety of automotive applications. FLX7 compressors come standard with enhanced features previously found only on premium compressors. Features and benefits include:

- **Fewer Part Numbers.** The FLX 7 uses a common body and interchangeable parts to consolidate hundreds of existing part numbers into just 23 models.
- **Reduced Inventory Costs.** The consolidation of part numbers provides an opportunity to stock a single FLX 7 compressor instead of dozens of models.
- Fewer part numbers means the number of service parts required to inventory for field replacement is also decreased.
- **Expanded Product Configurations.** The FLX 7 allows for the creation of compressor configurations not previously offered by Sanden.
- Each FLX7 comes with both a bullet and sealed Packard clutch lead wire terminal for application flexibility
- For protection, every FLX7 comes equipped with a pressure relief valve to guard against abnormal pressure conditions. A field coil diode is also included to prevent electrical damage caused by voltage surges.
- The FLX7 uses a standard GM pad-style cylinder head which receives a variety of port fittings ready to accommodate vertical and horizontal hose attachment. The port fittings are sold separately from the compressor, allowing the user to adapt a single compressor to fit many applications.
- Each port fitting is made of forged steel for superior strength vs. cast iron fittings. The fittings have threaded ports ready to receive an R12 or R134a charging valve.
- FLX7 models come with mineral oil for use with R12 systems or PAG oil for use with R134a systems eliminating the need for retrofitting.
- Heavy Duty rotor bearings to handle higher pressure / loads.
- A variety of clutch rotor configurations sealed heavy-duty and multi-groove rotors are available in 12 volt and 24 volt options:

125mm, A2	158mm, C1
119mm, PV10	119mm, PV8
122mm, A1 (Overhang)	119mm, PV8(SHD)
152mm, A2	138mm, A1
- Port Fitting sizes available:
 - Horizontal 3/4 x 7/8
 - Vertical 3/4 x 7/8
 - Vertical 3/4 x 7/8 Flare
 - Vertical 1 x 14
 - Horizontal 1 x 14

FLX 7 Features

FLX 7 features include:

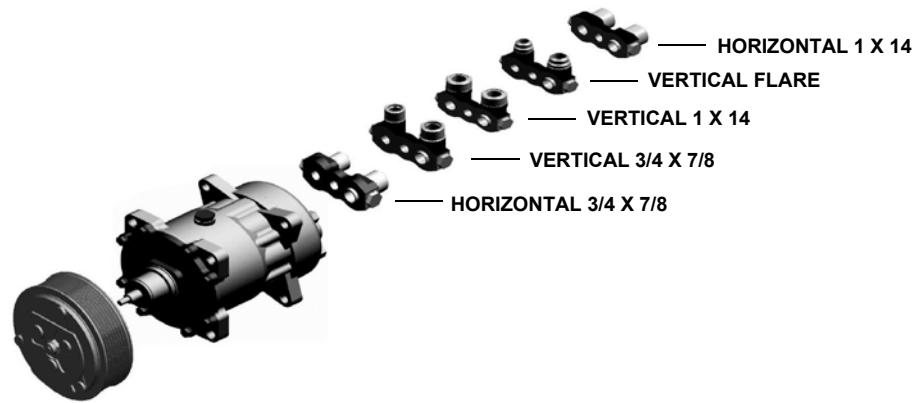
- 7 cylinders for reduced operating pulsations, reduced noise, and improved performance.
- Available in ear mount or direct mount configurations for flexibility and adaptability over a broad range of applications.
- Superior lubricating system for increased durability and high temperature performance.
- Heavy-duty bearing to handle higher pressures and loads.
- Shaft seal for greater leak protection and durability.

FLX 7 Typical Applications

FLX7 models are designed for use with:

- Light Passenger Vehicles
- Medium Duty and Heavy Trucks
- Agricultural Vehicles
- Passenger Busses
- Construction Vehicles





FLX 7 Compressor Model Numbers

FLX Model No.	Description	Mount	Head	Head Description	Clutch	Groove	Voltage	Packard w/ Bullets Terminal	Part No.
R-12 Compressors									
4861	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	125 mm	2A	12	ST	1401203
4863	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	125 mm	2A	24	ST	1401205
4865	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	119 mm	PV8	12	ST	1401207
4867	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	119 mm	PV8	24	ST	1401209
4869	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	158 mm	C1	12	ST	1401211
4871	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	158 mm	C1	24	ST	1401213
4873	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	125 mm	PV10	12	ST	1401215
4876	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	138 mm	A1 SHD	12	ST	1401218
4878	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	138 mm	A1 SHD	24	ST	1401220
4880	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	122 mm	A1 OH	24	ST	1401222
4882	SD7H15 FLX Mineral	Ear	GV	H GM PAD metric	152 mm	A2	24	ST	1401224
R-134a Compressors									
4419	SD7H15 FLX PAG	Direct	GV	H GM PAD metric	125 mm	2A	12	ST	1401200
4420	SD7H15 FLX PAG	Direct	GV	H GM PAD metric	119 mm	PV8	12	ST	1401201
4860	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	125 mm	2A	12	ST	1401202
4862	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	125 mm	2A	24	ST	1401204
4864	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	119 mm	PV8	12	ST	1401206
4866	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	119 mm	PV8	24	ST	1401208
4868	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	158 mm	C1	12	ST	1401210
4870	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	158 mm	C1	24	ST	1401212
4872	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	125 mm	PV10	12	ST	1401214
4874	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	133 mm	PV8 SHD	12	ST	1401216
4875	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	138 mm	A1 SHD	12	ST	1401217
4877	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	138 mm	A1 SHD	24	ST	1401219
4879	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	122 mm	A1 OH	12	ST	1401221
4881	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	152 mm	A2	24	ST	1401223
4434	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	132 mm	2A	12	ST	1401225
4435	SD7H15 FLX PAG	Ear	GV	H GM PAD metric	132 mm	2A	24	ST	1401226
Fittings									
4860-1341	SD7H15 FLX Fitting			H 3/4" X 7/8" Fitting					1401325
4861-1341	SD7H15 FLX Fitting			V-3/4" X 7/8" Fitting					1401326
4862-1341	SD7H15 FLX Fitting			V-1" X 14 Fitting					1401327
4863-1341	SD7H15 FLX Fitting			V-3/4" X 7/8" Flare Fitting					1401328
4864-1341	SD7H15 FLX Fitting			H-1" X 14 Fitting					1401329



FLX 7 R-12 to Sanden Interchange

FLX 7 R-12 Compressors*				
Sanden No.	Kysor No.	FLX 7	Kysor FLX No.	Kysor FLX Fitting No.
4517	FLX 7 ONLY	4681	1401203	1401329
4518	FLX 7 ONLY	4863	1401205	1401329
4519	FLX 7 ONLY	4878	1401220	GM PAD
5407	FLX 7 ONLY	4863	1401205	1401326
5411	FLX 7 ONLY	4873	1401215	1401329
5413	FLX 7 ONLY	4863	1401205	1401326
5415	N/A	4873	1401215	1401329
5425	FLX 7 ONLY	4869	1401211	1401326
5746	N/A	4435	1401226	1401326
5754	FLX 7 ONLY	4878	1401220	GM PAD
7401	FLX 7 ONLY	4861	1401203	1401327
7402	FLX 7 ONLY	4861	1401203	1401326
7409	1401003	4861	1401203	1401326
7427	FLX 7 ONLY	4865	1401207	1401327
7492	FLX 7 ONLY	4865	1401207	1401326
7621	1401003	4861	1401203	1401326
8390	1401004	4681	1401203	1401328
8396	FLX 7 ONLY	4882	1401224	1401328
8399	N/A	4863	1401205	1401328
9005	FLX 7 ONLY	4447	1401227	1401327
9026	1401005	4861	1401203	1401329
9040	FLX 7 ONLY	4447	1401227	1401326
9103	1401006	4861	1401203	1401328
9105	1401007	4863	1401205	1401328
9108	FLX 7 ONLY	4447	1401227	1401326
9114	1401008	4681	1401203	1401329
9119	1401009	4869	1401211	1401327
9122	1401011	4871	1401213	1401327
9125	FLX 7 ONLY	4447	1401227	1401329
9133	FLX 7 ONLY	4448	1401228	1401329
9137	FLX 7 ONLY	4448	1401228	1401327
9143	FLX 7 ONLY	4448	1401228	1401326
9263	FLX 7 ONLY	4447	1401227	1401327
9264	FLX 7 ONLY	4447	1401227	1401329
9265	FLX 7 ONLY	4448	1401228	1401329
9279	FLX 7 ONLY	4447	1401227	1401329
9283	FLX 7 ONLY	4865	1401207	1401328
9285	1401012	4681	1401203	1401326
9505	1401013	4863	1401205	1401327
9513	FLX 7 ONLY	4873	1401215	1401328
9514	1401014	4880	1401222	1401326
9515	1401015	4681	1401203	1401326
9519	1401016	4861	1401203	1401327
9537	1401017	4865	1401207	1401326
9540	FLX 7 ONLY	4865	1401207	1401329
9546	FLX 7 ONLY	4865	1401207	1401327
9563	1401019	4861	1401203	GM PAD
9565	FLX 7 ONLY	4865	1401207	1401328
9570	FLX 7 ONLY	4865	1401207	1401329
9589	FLX 7 ONLY	4876	1401218	1401329
9592	1401021	4880	1401222	1401328
9663	FLX 7 ONLY	4865	1401207	1401326
9672	FLX 7 ONLY	4447	1401227	1401326

FLX 7 R-12 Compressors* (continued)				
Sanden No.	Kysor No.	FLX 7	Kysor FLX No.	Kysor FLX Fitting No.
9674	1401022	4683	1401205	1401326
9675	1401023	4689	1401211	1401326
9676	FLX 7 ONLY	4870	1401212	1401326
9684	FLX 7 ONLY	4877	1401219	GM PAD
9685	FLX 7 ONLY	4876	1401218	GM PAD
9689	1401025	4861	1401203	GM PAD

* R-12 Compressors will be provided as OE Sanden until stock is depleted. All R-12 Compressors will then be replaced by the FLX 7 Program.

COMPRESSORS



FLX 7 R-134a to Sanden Interchange

FLX 7 R-134a Compressors				
Sanden	Kysor	FLX 7	Kysor FLX No.	Kysor FLX Fitting No.
4428	FLX 7 ONLY	4419	1401200	1401325
4501	FLX 7 ONLY	4871	1401213	1401327
4502	FLX 7 ONLY	4869	1401211	1401327
4506	N/A	4435	1401226	1401326
4507	1401100	4435	1401226	1401326
4508	1401101	4872	1401214	1401326
4509	1401102	4434	1401225	1401326
4510	1401103	4434	1401225	1401326
4511	1401104	4868	1401210	1401327
4513	1401348	4434	1401225	1401329
4514	N/A	4864	1401206	1401326
4515	FLX 7 ONLY	4868	1401210	1401326
4516	N/A	4870	1401212	1401326
4521	FLX 7 ONLY	4435	1401226	1401329
4522	FLX 7 ONLY	4864	1401206	1401329
4523	FLX 7 ONLY	4864	1401206	1401329
4525	FLX 7 ONLY	4434	1401225	1401327
4526	FLX 7 ONLY	4872	1401214	1401326
4527	FLX 7 ONLY	4435	1401226	1401327
4529	FLX 7 ONLY	4434	1401225	1401327
4530	1401332	4879	1401221	1401326
4532	FLX 7 ONLY	4881	1401223	1401326
4536	1401333	4434	1401225	1401325
4537	1401136	4435	1401226	1401325
4602	N/A	4434	1401225	1401326
4604	1401139	4877	1401219	GM PAD
4608	FLX 7 ONLY	4875	1401217	GM PAD
4626	1401107	4419	1401200	1401326
4627	1401108	4860	1401202	1401326
4637	1401109	4874	1401216	1401325
4640	N/A	4860	1401202	1401329
4641	FLX 7 ONLY	4420	1401201	1401326
4643	1401330	4434	1401225	1401326
4646	1401111	4434	1401225	1401329
4647	1401112	4434	1401225	1401326
4652	1401113	4862	1401204	1401326
4656	FLX 7 ONLY	4877	1401219	GM PAD
4657	FLX 7 ONLY	4875	1401217	GM PAD
4660	1401114	4864	1401206	1401326
4661	FLX 7 ONLY	4875	1401217	1401325
4663	1401331	4860	1401202	1401326
4664	FLX 7 ONLY	4434	1401225	1401326
4665	1401116	4864	1401206	1401326
4666	FLX 7 ONLY	4420	1401201	1401325
4706	FLX 7 ONLY	4860	1401202	1401327
4707	FLX 7 ONLY	4864	1401206	GM PAD
4708	FLX 7 ONLY	4860	1401202	GM PAD
4709	FLX 7 ONLY	4860	1401202	1401325
4710	FLX 7 ONLY	4864	1401206	1401327
4711	1401114	4864	1401206	1401326
4712	FLX 7 ONLY	4864	1401206	1401325
4741	FLX 7 ONLY	4862	1401204	1401326
4742	FLX 7 ONLY	4862	1401204	1401325
4743	FLX 7 ONLY	4862	1401204	1401327
4744	FLX 7 ONLY	4862	1401204	1401329
4745	1401123	4870	1401212	1401326

FLX 7 R-134a Compressors (continued)				
Sanden	Kysor	FLX 7	Kysor FLX No.	Kysor FLX Fitting No.
4746	1401138	4868	1401210	1401326
4747	FLX 7 ONLY	4868	1401210	1401327
4762	1401128	4866	1401208	1401326
4763	FLX 7 ONLY	4864	1401206	1401327
4764	FLX 7 ONLY	4864	1401206	1401329
4765	FLX 7 ONLY	4864	1401206	1401325
4778	N/A	4434	1401225	1401326
4779	FLX 7 ONLY	4860	1401202	1401326
6626	FLX 7 ONLY	4434	1401225	1401326
6627	FLX 7 ONLY	4435	1401226	1401326
6629	N/A	4864	1401206	1401326
6630	FLX 7 ONLY	4434	1401225	1401325
6631	N/A	4434	1401225	1401329
6632	FLX 7 ONLY	4435	1401226	1401329
6634	1401136	4435	1401226	1401325
6642	FLX 7 ONLY	4434	1401225	1401327
6655	FLX 7 ONLY	4864	1401206	1401329
6656	FLX 7 ONLY	4872	1401214	1401326
6656	FLX 7 ONLY	4873	1401215	1401329
6664	1401102	4434	1401225	1401326
6665	1401100	4434	1401225	1401326
6667	FLX 7 ONLY	4435	1401226	1401327
6670	FLX 7 ONLY	4873	1401215	1401325
6671	1401104	4868	1401210	1401327
6672	N/A	4870	1401212	1401326
6673	FLX 7 ONLY	4868	1401210	1401326
6674	1401332	4879	1401221	1401326
6675	FLX 7 ONLY	4864	1401206	1401329
6676	1401333	4434	1401225	1401325
6677	FLX 7 ONLY	4434	1401225	1401327
6678	FLX 7 ONLY	4434	1401225	1401327
6679	FLX 7 ONLY	4881	1401223	1401326
6680	FLX 7 ONLY	4435	1401226	1401325
7819	1401135	4860	1401202	1401329
7822	FLX 7 ONLY	4864	1401206	1401329
7824	FLX 7 ONLY	4862	1401204	1401326
7825	FLX 7 ONLY	4434	1401225	1401326
7862	FLX 7 ONLY	4860	1401202	1401325
7864	FLX 7 ONLY	4864	1401206	1401325
7865	FLX 7 ONLY	4864	1401206	1401326
7866	FLX 7 ONLY	4862	1401204	1401326
7867	FLX 7 ONLY	4434	1401225	1401326
7877	FLX 7 ONLY	4434	1401225	1401329
8017	FLX 7 ONLY	4862	1401206	1401326
8018	FLX 7 ONLY	4434	1401225	1401326
8019	FLX 7 ONLY	4434	1401225	1401329
8023	FLX 7 ONLY	4860	1401202	1401325
8025	FLX 7 ONLY	4864	1401206	1401325
8026	FLX 7 ONLY	4864	1401206	1401326
8061	FLX 7 ONLY	4862	1401204	1401326
8062	FLX 7 ONLY	4434	1401225	1401326
8103	1401114	4864	1401206	1401326
8104	FLX 7 ONLY	4434	1401225	1401326

FLX 7 Replacement Matrix

FLX 7		Replacement Matrix					
PART NO.	DESCRIPTION	FITTING 1 V 3/4 X 7/8	FITTING 2 V 1 X 14	FITTING 3 H 3/4 X 7/8	FITTING 4 H 1 X 14	FITTING 5 V FLARE	NO FITTING GM PAD
4861	125 A2 12v Mineral R12 Ear	9285	9263	New	9264	8390	9563
		9515	9005		9279	9103	9689
		9040	9519		4517		
		9108	9114		9026		
		9120	7401		9125		
		7409			7402		
		7621					
4863	125 A2 24v Mineral R12 Ear	5413	9505	New	9265	8399	New
		5407	9137		4518	9105	
		9143	9005				
		9674			9133		
4434	132 A2 12v PAG R134A Ear	4509	4525	4536	4513		
		4510	4529	6630	6631		New
		6664	6642	6676	4646		
		4664	4643				
		8104					
		4647					
4860	125 A2 12v PAG R134A Ear	4627	4706	4709	7819		4708
		4663					
		4779					
4435	132 A2 24v PAG R134A Ear	4506	4527	4537	4521		New
		4507	6667	6634	6632		
		6665					
4862	125 A2 24v PAG R134A Ear	4741	4743	4742	4744		
		4652					New
4865	119 PV8 12v Mineral R12 Ear	9537	9546	New	9540	9283	New
		9663	7427		9570	9565	
		7492					
4867	119 PV8 24v Mineral R12 Ear	New	New	New	New	New	New
4864	119 PV8 12v PAG R134A Ear				4523		
		4514	4710	4712	4522		4707
		6629					
		4665			4638		
		8103			7822		
		4711			6675		
4866	119 PV8 24v PAG R134A Ear	4762	4763	4765	4764		New
4869	158 C1 12v Mineral R12 Ear	5425	9119	New	New	New	New
		9675	4502				
4871	158 C1 24v Mineral R12 Ear	9676	4501	New	New	New	New
			9122				
4868	158 C1 12v PAG R134A Ear	4746	4747	New	New		New
		4515	4511				
			6671				
4870	158 C1 24v PAG R134A Ear	4516	New	New	New		New
		6672					
		4745					
4882	152 A2 24v Mineral R12 Ear	New	New	New	New	8396	New
4881	152 A2 24v PAG R134A Ear	4532	New	New	New		New
4876	138 A1 12v Mineral R12 Ear	New	New	New	9589	New	9685
4878	138 A1 24v Mineral R12 Ear	New	New	New	New	New	4519
							9684
							5754
							4608
4875	138 A1 12v PAG R134A Ear	New	New	4661	New		4657
							4604
4877	138 A1 24v PAG R134A Ear	New	New	New	New		4656
							4656
4873	125 PV10 12v Mineral R12 Ear	5415	New	New	5411	9513	New
4872	125 PV10 12v PAG R134A Ear	4508	New	4526/ 6670	New		New
4419	125A2 12V PAG R134A Direct	4626	New	4428	New		New
4420	119PV8 12V PAG R134A Direct	4641	New	4666	4641		New
4874	133PV8 SHD 12v PAG R134A Ear	New	New	4637	New		New

NOTES:

- By adding additional fitting with jumper to each of the FLX models listed below the following models could be replaced with the associated FLX model.
- "New" listings imply a model that can be created with the addition of a fitting to the associated FLX model, thereby creating a configuration that currently does not exist. This does NOT indicate a new model from Sanden, but rather presents the opportunity for the customer to create a variety of new configurations.
- All models that can be replaced are Aftermarket only.

COMPRESSORS



Sanden Clutch Variations

One Wire

Two Wire

Double Groove
STYLE A
 125mm
STYLE B
 132mm

Single Variable Groove
STYLE C
 158mm

Single Offset Groove
STYLE D
 122mm
STYLE R
 138mm

7 Poly Groove
STYLE E
 119mm

8 Poly Groove
STYLE F
 119mm
STYLE S
 133mm

6 Poly Groove
STYLE G
 119mm

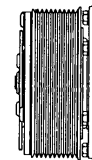
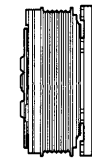
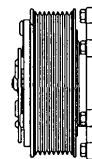
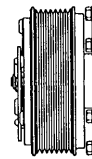
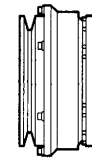
10 Poly Groove
STYLE H
 125mm

Double Groove
STYLE I
 125mm
STYLE J
 132mm
STYLE K
 152mm

7 Poly Groove
STYLE L
 119mm
STYLE R
 130mm

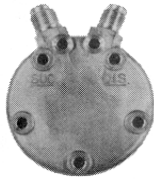
8 Poly Groove
STYLE M
 119mm
STYLE N
 130mm
STYLE O
 132mm
STYLE P
 152mm

6 Poly Groove
STYLE Q
 125mm



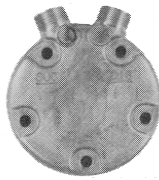
Sanden Cylinder Head Configurations

STYLE B



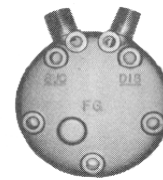
Vertical Flare
3/4" x 7/8"

STYLE C



Vertical Tube O-Ring
1" x 14"

STYLE FC STYLE FG



Vertical Standard
Tube O-Ring 3/4" x 7/8"

STYLE FL



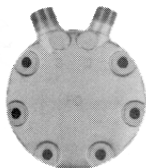
Vertical O-Ring
3/4" x 7/8"

STYLE GWA



Horizontal Pad Type

STYLE JD



Vertical O-Ring
3/4" x 7/8"

STYLE JDA

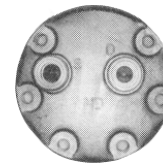
STYLE K



Horizontal O-Ring
3/4" x 7/8"

STYLE KC

STYLE M



Horizontal Tube O-Ring
1" x 14"

Sanden Flx 7 Replacement Cylinder Heads

Part No. 1401325

Horizontal 3/4" x 7/8"
O-Ring

Part No. 1401326

Vertical 3/4" x 7/8"
O-Ring

Part No. 1401327

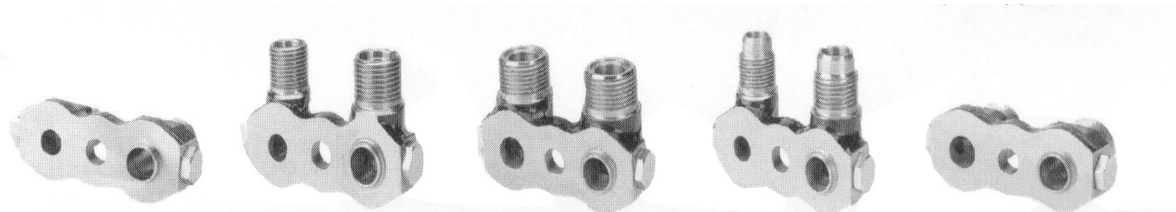
Vertical 1" x 14
O-Ring

Part No. 1401328

Vertical 3/4" x 7/8"
Flare

Part No. 1401329

Horizontal 1" x 14



All Flx 7 compressors come with the sealed packard connector attached to the field coil, jumper wire to convert field coil terminal to bullet type is also included.



Part No. 1399084
Harness converts single wire to dual wire.



Manufacturing Date Codes

Manufacturing date codes are stamped on the mounting e or boss at the front left of the compressor as seen when facing the clutch, with oil plug or adaptor up.

Year of manufacture (first digit):
(i.e. 3 indicates manufacture in 1993)
Month of manufacture (last digit):
Jan. - Sept.: 1 - 9
Oct.: X
Nov.: Y
Dec.: Z

Sanden internal I.D. code

Stamped on Compressor
Manufactured in USA Only

Compressor Nomenclature

Identification

R-12 Compressors

S D - 7 0 9

Sanden reciprocating wobble plate compressors _____

Number of cylinders _____

Approximate displacement, in cubic inches _____

R-134a Compressors

S D 7 H 1 5 H D

Sanden reciprocating wobble plate compressors _____

Number of cylinders _____

Port location (H if on head, B if on block) _____

Approximate displacement, in cubic centimeters (divided by 10) _____

Heavy-duty (HD) or Sealed Heavy-duty (SHD) clutch _____

Assembly Mounting Angles

All Sanden R-134a Compressors

Oil Filler Plug

90° 90°

Label Configuration

Manufacturing location code

00-06 Japan
70-79 USA
80-89 Singapore

SD7H15

Serial No.:
123456 0-1 1 70

Serial Number _____

Month of manufacture (1 - 12) _____

Year of manufacture (last digit) _____

COMPRESSORS

Sanden R-134a Model Specifications

Model	Refrigerant	Displacement cu.in. (cc)	Typical Weight, lb. (kg.)			Standard Oil Charge			Rotation
			Compressor	Clutch	Assembly	Oil Type	System Type	Amount fl. oz. (cc)	
SD5H14	R-134a	8.4 (138)	11.2 (5.1)	6.0 (2.7)	17.2 (7.8)	SP-20	TXV	7.2±0.5 (210±15)	Either way
							CCOT	No Standard	
SD7B10	R-134a	6.1 (100)	5.9 (2.7)	3.3 (1.5)	9.2 (4.2)	SP-10	TXV	No Standard	CW only
SD7H13	R-134a	7.9 (129)	9.3 (4.2)	4.6 (2.1)	13.9 (6.3)	SP-20	TXV	4.6±5 (135±15)	CW only
SD7H15/HD	R-134a	9.5 (155)	9.9 (4.5)	5.3 (2.4)	15.2 (6.9)	SP-20	TXV	4.6±0.5 (135±15)	CW only
							CCOT	8.1±0.5 (240±15)	
SD7H15/ SHD	R-134a	9.5 (155)	9.9 (4.5)	7.7 (3.5)	17.6 (8.0)	SP-20	TXV	4.6±0.5 (135±15)	CW only
							CCOT	8.1±0.5 (240±15)	

R-12 to R-134a Model Conversions

Type	R-12	R-134a
5 Cylinder	SD-505	SD7B10/SD5H09
	SD-507	SD5H11
	SD-508	SD5H14
	SD-510	SD7H15HD and SD5H14HD
7 Cylinder	SDB-706	SD7B10
	SD-708	SD7H13
	SD-709	SD7H15
	SDB-709	SD7B15

Belt Tension

Grooves	Tension, lb. (kgf.)*
A	121±5 (55±2)
B	132±5 (60±2)
C	132±5 (60±2)
M	132±5 (60±2)
PV4	132±5 (60±2)
PV6	198±5 (60±2)

* PolyVee tension based on 33 lb (15kgf) per groove.

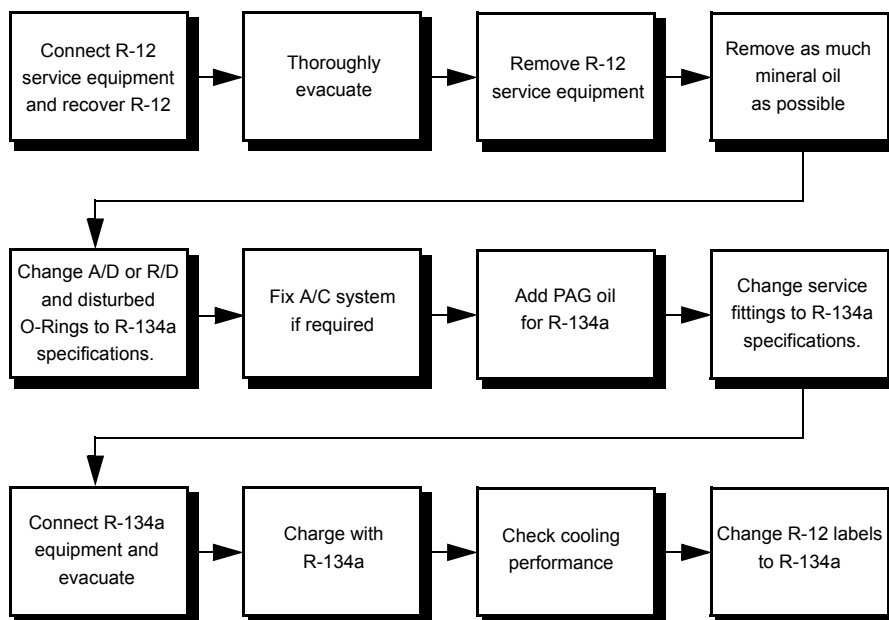
Speed Rating

Model	Clutch Type	Max RPM	
		Constant	Downshift
SD5H14	Std.	6,000	7,000
SD5H14	HD	4,000	6,000
SD7B10	All	6,000	7,000
SD7H13	All	6,000	8,000
SD7H15	Std.	6,000	8,000
SD7H15	HD	4,000	6,000
SD7H15	SHD	4,000	4,000

COMPRESSORS



R-12 to R-134a Conversion Procedure



Compressor Troubleshooting



Symptom		Problem Diagnosis & Inspection		Cause & Remedy		
LACK OF COOLING	Smooth Running Compressor	Unusually high suction pressure with unusually low discharge pressure	1. Valve Plate Test 12	Replace or Repair: Broken Head or Block Gasket Broken or Deformed Reed Valve Foreign Substance Under Reed Valve or Gasket	22 to 25	
		Unusually low suction and discharge pressure	1. Check for Low Refrigerant Charge			
			2. Leak Check Compressor 9	Replace or Repair: Shaft Seal Leak Cylinder Head Leak Gasket Leak Oil Filler Plug Leak Cracked Cylinder Block Front Housing O-Ring Leak	20 to 25	
	Rough Running or Intermittent or Inoperative	3. Leak Check and Diagnose System (See System Service Manual)				
		Intermittent or inoperative	1. Check Belt Tension 4			
			2. Check Clutch Air Gap 11	Adjust Air Gap 20		
			3. Check Clutch Volts, Amps, Coil Lead Wire 10	Replace or Repair: Broken Lead Wire Clutch Coil Defect - Internal System Ground (See System Manual)	17 to 20	
		Rough Running	4. Shaft Turning Smoothness Test 10	Compressor Failure - Internal		
	UNUSUAL NOISE	Clutch engaged	1. Check Compressor Mounting Components 11			
			2. Check Engine Components 11			
3. Check for Intermittent or Slipping Clutch 10			Adjust Air Gap - Defective Coil 20			
4. Check for Proper Refrigerant Charge			Recharge and Recheck			
5. Check Clutch Bearing 10			Replace Rotor/Armature Assembly 17-19			
6. Oil Level Procedure 9			Restore to Proper Level 19			
7. Shaft Turning Smoothness Test 10			Compressor Failure (Internal)			
8. Remove Valve Plate and Inspect 23			Replace or Repair: Broken Discharge Valve Reed or Retainer Broken Suction Valve Reed Broken Gasket	22 to 25		
Clutch disengaged "chattering"		1. Check Air Gap 11	Replace or Repair: Adjust Air Gap Defective Clutch Pulley or Front Plate	17 to 20		

Sanden/Kysor All Makes Interchange

Singapore / Japan Interchangeable	Comparable SD508 Models	Comparable SD5H14 Models	Comparable SD515 Models	Comparable SD709 Models	Comparable SD7H15 Models	Part No.	Sanden No.	
6664, 8104	9515hd, 9285hd, 9108 See Lead Wire	4509, 4510	9103, 9108, 9120	7409, 7621 125mm	4663, 4627, 4647, prv/4664	1401103	4510	
			9119			4747	1401104	4511
							1401107	4626
6664, 8104	8390, 9285, 9515	4509, 4510	9103, 9108, 9120	7409, 7621	4663std, 4647, prv/4664	1401108	4627	
			9264, 9279, 9026			4613	9125	4702
6664, 8104	9515hd, 9285hd, 9108 See Lead Wire	4509, 4510	9103, 9108, 9120	7409, 7621	4663, 4627, 4647, prv/4664	1401112	4647	
								4711
6664, 8104	8390, 9285, 9515	4509, 4510			4663, 4627, 4643	1401115	4664	
						4645	1401116	4665
							1401117	4666
						7822 NO PRV.	1401118	4672
							1401119	4687
					7822	1401120	4734	
	9515hd, 9285hd, 9108 See Lead Wire	4509, 4510	9103, 9108, 9120	7409, 7621 125mm	4663std, 4627, 4647, prv/4664	1401121	4735	
	9515hd, 9285hd, 9108 See Lead Wire	4509, 4510	9103, 9108, 9120	7409, 7621	4663std, 4627, 4647, prv/4664	1401122	4736	
					4626	1401125	4752	
						1401126	4756	
						1401127	4761	
						1401130	4776	
						1406004	4815	
						1406005	4816	
						1401133	4822	
						1401103	6664	
6631		4513			4646	1401135	7819	
	9576, 8389		9103			1401004	8390	
						1401005	9026	
	8390, 9576, 8389					1401006	9103	
						1401007	9105	
						1401008	9114	
		4511	4502			1401009	9119	
	9515hd, 9285hd, 9108 See Lead Wire	4509, 4510	9103, 9108, 9120	7409, 7621 125mm	4663, 4627, 4647, prv/4664	1401010	9120	
						1401011	9122	
						1401012	9285	
	9594	4530	5746, 5726			1401014	9514	
						1401016	9519	
		4514	9663	7492 pv8	4711pv8, 4665, 4645	1401017	9537	
						1401019	9548	
						1401020	9568	
						1401021	9592	
	5425	4515			4746	1401023	9675	
						1401024	9680	

COMPRESSORS



CCI Compressor Specifications

Specifications*	209	210
No Cylinders	2	2
Bore, in. mm	1.875 (47.63)	1.875 (47.63)
Stroke, in. mm	1.573 (39.95)	1.866 (47.40)
Disp., cu. in./rev. (cc/rev)	8.69 (142)	10.3 (169)
R.P.M. - Max.	6000	6000
Refrigerant	R-12,22,502,134a & new blends	R-12,22,502,134a & new blends
Initial Oil Charge, fl. oz. (ml)*	14 (413)	14 (413)
Weight, lbs. (kg.)	14.6 (6.6)	14.6 (6.6)
Lubrication	Splash and Positive Pressure and Oil Return Through Suction Side	

* R-12 Heavy Duty models contain 12 fl. oz. (355 ml). * R-134a Heavy Duty models contain 14 fl. oz. (413 ml).
Some OEM specifications are as high as 17 fl. oz. (503 ml).

TWO CYLINDER PISTON TYPE
COMPRESSORS
R-12& R-134a



CCI Compressor Identification

CCI Part No.*	System	Oil	Body	Head	Valves	Clutch	Clutch No	Part No.
ER210L-25149	R-12/R-134a	Ester	Aluminum	Rotolock	None	None	—	1402001
ET210L-25150	R-12/R-134a	Ester	Aluminum	Tube O-Ring	None	None	—	1402002
ET210L-25076C	R-12/R-134a	Ester	Aluminum	Tube O-Ring	None	1 Groove with Diode	1399005	1402003
ET210L-25073C	R-12/R-134a	Ester	Aluminum	Tube O-Ring	None	2 Groove with Diode	1399003	1402004
ER210L-25248C	R-12/R-134a	Ester	Aluminum	Rotolock	None	2 Groove	1399003	1402005
ET210L-25237C	R-12/R-134a	Ester	Aluminum	Tube O-Ring	None	2 Groove w/dual lead wire	1399007	1402006
ET210L-25246C	R-12/R-134a	Ester	Aluminum	Tube O-Ring	None	8 Groove w/dual lead wire	1399009	1402007

* CCI Part numbers that have a "C" at the end of their part number represents a clutch and compressor combo.

Slim-Line Compressor Identification

CCI Part No.*	System	Oil	Body	Head	Valves	Clutch	Clutch No	Part No.
ES210L-25334	N/A	N/A	N/A	N/A	N/A	None	—	1402010
ES210L-25338C	N/A	N/A	N/A	N/A	N/A	8 Groove w/dual lead wire	1399009	1402011

* CCI Part numbers that have a "C" at the end of their part number represents a clutch and compressor combo.

Generic Compressor Identification

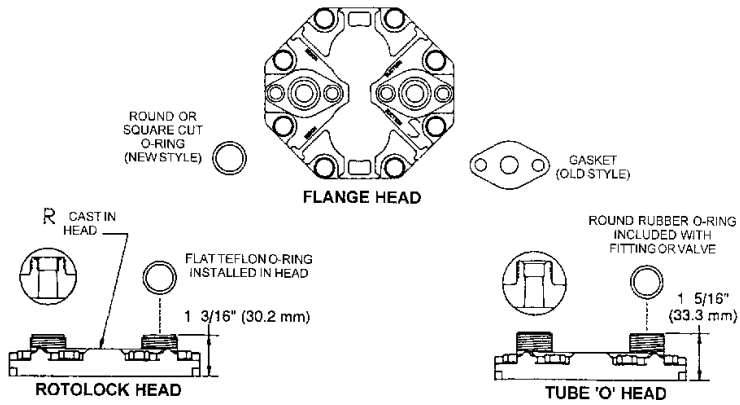
CCI Part No.	System	Oil	Body	Head	Valves	Clutch	Clutch No	Part No.
R210L-25062	R-12/R-134a	Ester*	Aluminum	Rotolock	None	None	—	1402012
T210L-25061	R-12/R-134a	Ester*	Aluminum	Tube O-Ring	None	None	—	1402013

Manufactured with non-critical reconditioned components.

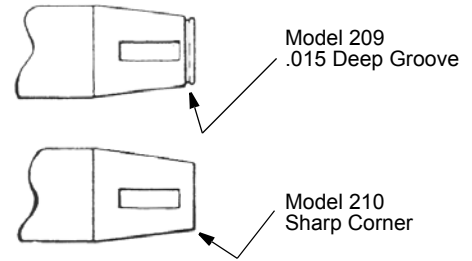


CCI Compressor Configuration

HEAD CONFIGURATION

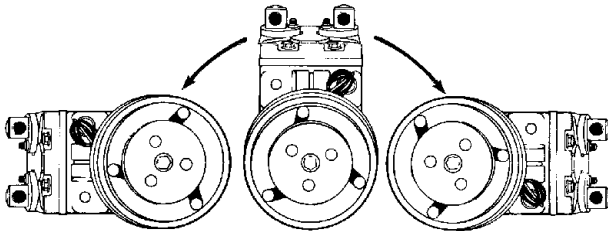


SHAFT DETAIL COMPRESSOR DISPLACEMENT



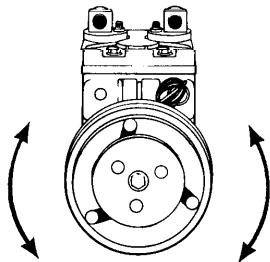
INSTALLATION

180 degree, left to right rotation



NOTE: CCI recommends that when positioning compressor at full 90 degree horizontal, suction side should be on "top".

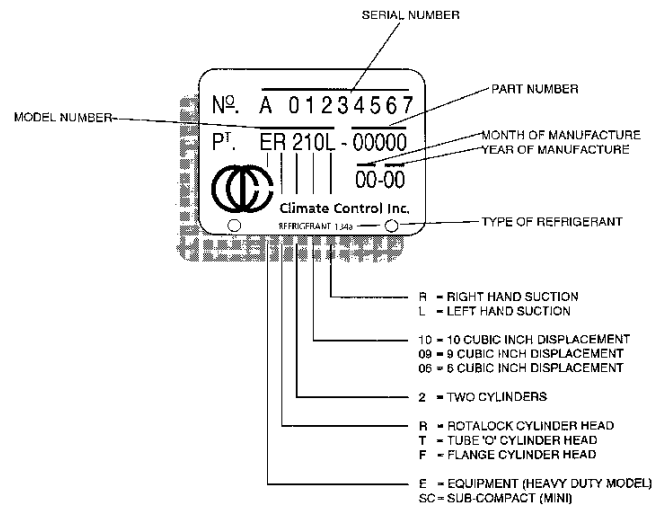
Clockwise or counterclockwise rotation



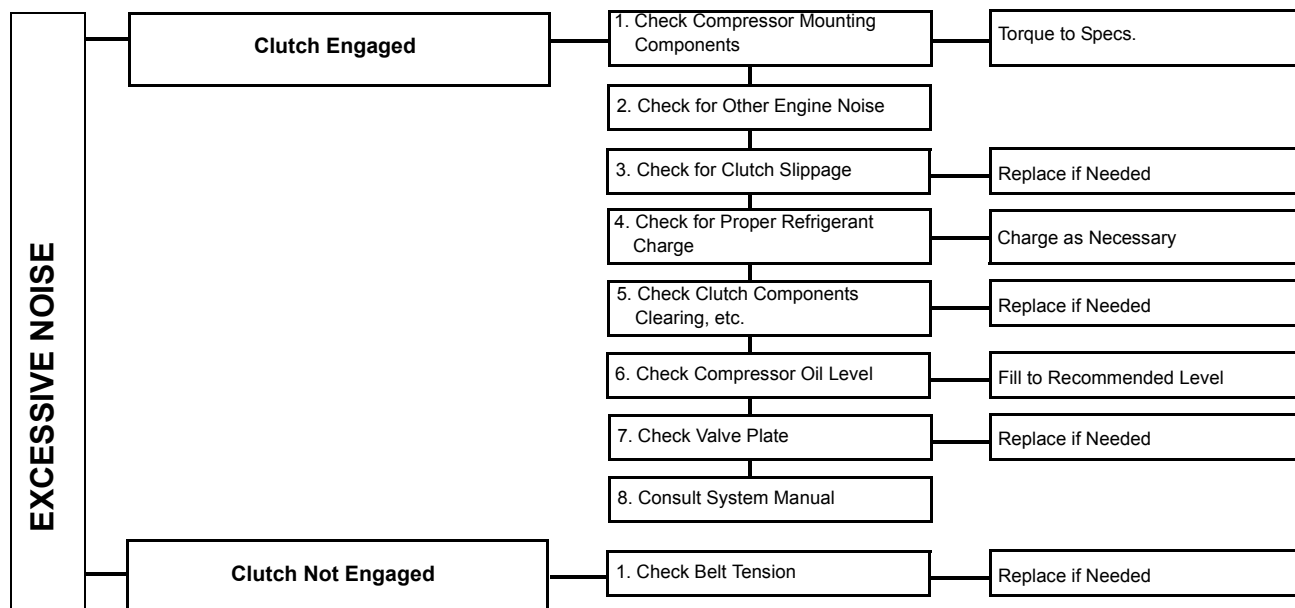
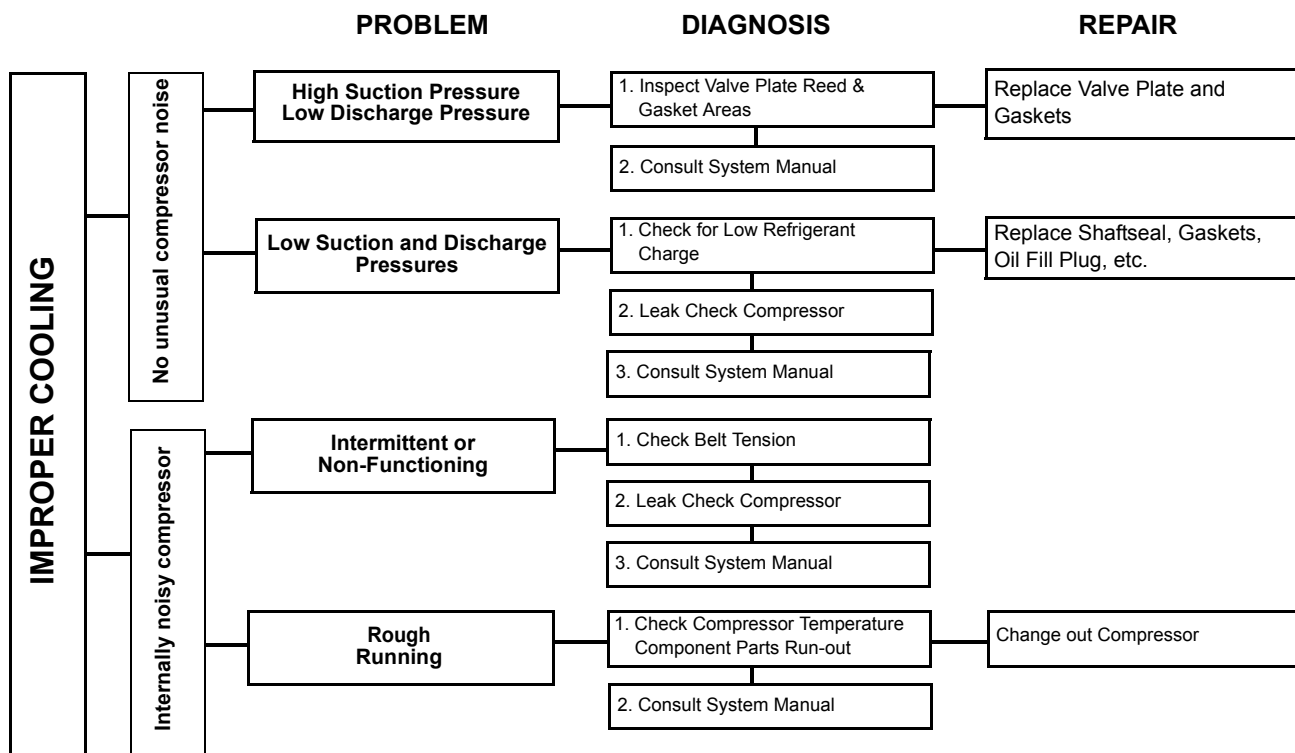
CCI NAMEPLATE

The metal nameplate located at the top front of the compressor serves as a means of identification. The location permits viewing the nameplate with the clutch installed.

Date inscribed on the nameplate includes the serial number, combination model/part number, date of manufacture, and type of refrigerant.



Compressor Troubleshooting



COMPRESSORS



CCI to New Universal Interchange



Old CCI Part No.	New Part No.	Clutch No.	Part No.
ET210L-25030C	ET210L-25076C	1399005	1402003
ET210L-25076C	No Change		1402003
ET210L-25007C	ET210L-25073C		1402004
ET210L-21887	ET210L-25073C		1402004
ET210L-25073C	No Change		1402004
ER210L-21571C	ER210L-25248C		1402005
ER210L-21741C	ER210L-25248C		1402005
688-21741C	ER210L-25248C		1402005
688-21571C	ER210L-25248C		1402005
ER210L-20300	ER210L-25149		1402001
ER210L-21001	ER210L-25149		1402001
ER210L-21237	ER210L-25149		1402001
ER210L-21562	ER210L-25149		1402001
ER210L-21569	ER210L-25149		1402001
ER210L-21570	ER210L-25149		1402001
ER210L-21572C	ER210L-25149	1399005	1402001

Old CCI Part No.	New Part No.	Clutch No.	Part No.
ER210L-21574C	ER210L-25149	1399005	1402001
ER210L-21643C	ER210L-25149	1399005	1402001
ER210L-16842	ER210L-25149		1402001
488-21237	ET210L-25150		1402002
488-21569	ET210L-25150		1402002
ET210L-21097	ET210L-25150		1402002
ET210L-21909	ET210L-25150		1402002
ET210L-25063	ET210L-25150		1402002
488-21909	ET210L-25150		1402002
ET210L-25100	ET210L-25150		1402002
ET210L-21797	ET210L-25150		1402002
ET210L-21797	ET210L-25150		1402002
NEW	ET210L-25237C		1402006
GENERIC COMPRESSORS			
T210L-21160	T210L-25061		1402013
R210L-21237	R210L-25062		1402012

CCI Compressor Engine Application Table

Make	Engine Application	OEM Part No.	Part No.	Clutch No
Freightliner	Detroit Series 60, CAT 3406, Cummins L10 & M11	ET210L-25073C	1402004	1399003
Freightliner	Cummins N14	ET210L-25073C	1402004	1399003
Freightliner	Detroit Series 50	ET210L-25073C	1402004	1399003
Freightliner	Detroit Series 60, CAT 3406, Cummins M11	ET210L-25237C	1402006	1399007
Freightliner	Cummins N14	ET210L-25237C	1402006	1399007
Freightliner	Cummins ISX, CAT C15 & C16	ET210L-25240C		1312003
Freightliner	Detroit Series 55	ET210L-25240C		1312003
Freightliner	Detroit Series 60 w/pad mount bracket	ET210L-25246C	1402007	1399009
International	Detroit Series 50 & 60, International DT466E & DT530E, CAT C15 & C16	2509451C91, ET210L-25404C		1313001
International	CAT C-10 & C-12, Cummins N14	2509452C91, ET210L-25405C		1399013
International	International DT360 & DT466	2509453C91, ET210L-25406C		1313002
International	CAT 3406	2509454C91, ET210L-25407C		1399003
International	International T444E	2509455C91, ET210L-25408C		1399006
International	Cummins L10 & M11	2509456C91, ET210L-25409C		1399004
Kenworth	Detroit Series 60, CAT 3406, Cummins L10 & M11	ET210L-25073C	1402004	1399003
Kenworth	Detroit Series 60, CAT 3406, Cummins M11	ET210L-25237C	1402006	1399007
Kenworth	Cummins ISX, CAT C15 & C16	ET210L-25240C		1312003
Kenworth	Detroit Series 60 w/pad mount bracket	ET210L-25246C	1402007	1399009
Mack	E-Tech Engine	ET210L-25240C		1312003
Western Star	Detroit Series 60, CAT 3406, Cummins L10 & M11	ET210L-25073C	1402004	1399003
Western Star	Detroit Series 60, CAT 3406, Cummins M11	ET210L-25237C	1402006	1399007
Western Star	Cummins ISX, CAT C15 & C16	ET210L-25240C		1312003
Western Star	Detroit Series 60 w/pad mount bracket	ET210L-25246C	1402007	1399009

Compressor Specifications

**R-12 COMPRESSOR SPECIFICATIONS**

Model No.	Clutch Type	Clutch Type	Head Type	Volt	Mount Type	Oil	Seltec No.	Part No.
TM-15HD								
TM-15HD	A	135mm 5 1/4", 2 Groove	D	12	Ear	Mineral	488-25011	1403001
TM-15HD	A	135mm 5 1/4", 2 Groove	A	24	Ear	Mineral	488-25015	1403002
TM-15HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	Mineral	488-25021	1403004
TM-15HD	A	135mm 5 1/4", 2 Groove	C	12	Ear	Mineral	488-25030	1403006
TM-15HD	F	159mm 6 1/4", 1 Groove	B	12	Ear	Mineral	488-25035	1403007
TM-15HD	NEW	123mm 4 27/32", 7 Groove	B	12	Ear	Mineral	488-25051	1403008
TM-15HD	F	159mm 6 1/4", 1 Groove	B	24	Ear	Mineral	488-25057	1403009
TM-15HD	E	147mm 5 3/4", 1 Groove	A	12	Ear	Mineral	488-25063	1403010
TM-15HD	F	159mm 6 1/4", 1 Groove	A	12	Ear	Mineral	488-25065	1403011
TM-15HD	A	135 mm 5-1/4" 2 Groove	A	12	Ear	Mineral	488-25069	1403012
TM-15HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	Mineral	488-25071	1403013
TM-15HD	B	125mm 4 59/64", 2 Groove	F	12	Ear	Mineral	488-25075	1403014
TM-15HD	A	135mm 5 1/4", 2 Groove	A	12	Ear	Mineral	488-25077	1403015

SELTEC/ICE R-134A COMPRESSOR SPECIFICATIONS

Model No.	Clutch Type	Clutch Type	Head Type	Volt	Mount Type	Oil	Seltec No.	ICE No.	Part No.
TM-08HD									
TM-08HD	C	123mm 4 27/32", 6 Groove	B	12	Ear	PAG	488-42038	2521137	1403151
TM-08HD	N/A	123mm 4 27/32", 4 Groove	B	12	Alternator	PAG	488-42076	2521308	1403152
TM-08HD	N/A	123mm 4 27/32", 4 Groove	B	12	Alternator	PAG	488-42080	2521261	1403153
TM-08HD	A	135mm 5 1/4", 2 Groove	N/A	12	Alternator	PAG	488-42083	2521388	1403161
TM-13HD									
TM-13HD	C	123mm 4 27/32", 6 Groove	B	12	Ear	PAG	488-42114	2521258	1403154
TM-13HD	B	125mm 4 59/64", 2 Groove	B	12	Ear	PAG	488-42120	2521309	1403155
TM-13HD	D	123mm 4 27/32", 8 Groove	B	12	Ear	PAG	488-42121	2521142	1403156
TM-13HD	C	123mm 4 27/32", 6 Groove	B	12	Ear	PAG	488-42314	2521143	1403157
TM-13HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	PAG	488-44070	2521145	1403158
TM-13HD	D	123mm 4 27/32", 8 Groove	B	12	Ear	PAG	488-44120	2521302	1403159
TM-13HD	A	135mm 5 1/4", 2 Groove	N/A	12	Ear	PAG	488-42110	2521497	1403162
TM-15HD									
TM-15HD	A	135mm 5 1/4", 2 Groove	D	12	Ear	PAG	488-45011	2521152	1403100
TM-15HD	A	135mm 5 1/4", 2 Groove	D	24	Ear	PAG	488-45015	2521153	1403101
TM-15HD	A	135mm 5 1/4", 2 Groove	C	24	Ear	PAG	488-45017	2521154	1403102
TM-15HD	C	123mm 4 27/32", 6 Groove	D	12	Ear	PAG	488-45019	2521156	1403103
TM-15HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	PAG	488-45021	2521157	1403104
TM-15HD	A	135mm 5 1/4", 2 Groove	C	12	Ear	PAG	488-45030	2521158	1403105



SELTEC/ICE R-134A COMPRESSOR SPECIFICATIONS (continued)

Model No.	Clutch Type	Clutch Type	Head Type	Volt	Mount Type	Oil	Seltec No.	ICE No.	Part No.
TM-15HD	F	159mm 6 1/4", 1 Groove	B	12	Ear	PAG	488-45035	2521159	1403106
TM-15HD	B	125mm 4 59/64", 2 Groove	C	12	Ear	PAG	488-45036	2521160	1403107
TM-15HD	C	123mm 4 27/32", 6 Groove	B	12	Ear	PAG	488-45047	2521162	1403108
TM-15HD	A	135mm 5 1/4", 2 Groove	B	24	Ear	PAG	488-45056	2521163	1403110
TM-15HD	F	159mm 6 1/4", 1 Groove	B	24	Ear	PAG	488-45057	2521164	1403111
TM-15HD	E	147mm 5 3/4", 1 Groove	D	12	Ear	PAG	488-45063	2521166	1403112
TM-15HD	A	135mm 5 1/4", 2 Groove	D	12	Ear	PAG	488-45071	2521325	1403113
TM-15HD	B	125mm 4 59/64", 2 Groove	F	12	Ear	PAG	488-45075	2521168	1403114
TM-15HD	A	135mm 5 1/4", 2 Groove	D	12	Ear	PAG	488-45077		1403115
TM-15HD	D	123mm 4 27/32", 8 Groove	D	12	Tangential	PAG	488-45082	2521280	1403116
TM-15HD	C	123mm 4 27/32", 6 Groove	D	12	Tangential	PAG	488-45088	2521170	1403117
TM-15HD	D	123mm 4 27/32", 8 Groove	G	12	Tangential	PAG	488-45096		1403118
TM-15HD	D	123mm 4 27/32", 8 Groove	D	12	Ear	PAG	488-45120	2521171	1403119
TM-15HD	D	123mm 4 27/32", 8 Groove	B	12	Ear	PAG	488-45121	2521172	1403120
TM-15HD	D	123mm 4 27/32", 8 Groove	C	12	Ear	PAG	488-45122	2521266	1403121
TM-15HD	D	123mm 4 27/32", 8 Groove	B	12	Ear	PAG	488-45141	2521335	1403122
TM-15HD	A	135mm 5 1/4", 2 Groove	G	12	Ear	PAG	488-45210	2521174	1403123
TM-15HD	D	123mm 4 27/32", 8 Groove	G	12	Ear	PAG	488-45234	2521178	1403124
TM-15HD	E	147mm 5 3/4", 1 Groove	D	24	Ear	PAG		2521618	1403160
TM-16HD									
TM-16HD	A	135mm 5 1/4", 2 Groove	D	12	Ear	PAG	488-46011	2521180	1403125
TM-16HD	A	135mm 5 1/4", 2 Groove	D	24	Ear	PAG	488-46015	2521181	1403126
TM-16HD	A	135mm 5 1/4", 2 Groove	C	24	Ear	PAG	488-46017	2521182	1403127
TM-16HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	PAG	488-46021	2521185	1403128
TM-16HD	A	135mm 5 1/4", 2 Groove	C	12	Ear	PAG	488-46030	2521186	1403129
TM-16HD	B	125mm 4 59/64", 2 Groove	B	12	Ear	PAG	488-46043	2521187	1403130
TM-16HD	N/A	N/A	C	N/A	Ear	PAG	488-46044		1403131
TM-16HD	A	135mm 5 1/4", 2 Groove	B	24	Ear	PAG	488-46056	2521189	1403132
TM-16HD	F	159mm 6 1/4", 1 Groove	B	24	Ear	PAG	488-46057	2521190	1403133
TM-16HD	F	159mm 6 1/4", 1 Groove	D	24	Ear	PAG	488-46061	2521192	1403164
TM-16HD	E	147mm 5 3/4", 1 Groove	D	12	Ear	PAG	488-46063	2521288	1403134
TM-16HD	B	125mm 4 59/64", 2 Groove	F	12	Ear	PAG	488-46075	2521350	1403135
TM-16HD	D	123mm 4 27/32", 8 Groove	D	12	Ear	PAG	488-46120	2521195	1403136
TM-16HD	D	123mm 4 27/32", 8 Groove	B	12	Ear	PAG	488-46121	2521196	1403137
TM-16HD	D	123mm 4 27/32", 8 Groove	C	12	Ear	PAG	488-46122	2521197	1403138
TM-16HD	A	135mm 5 1/4", 2 Groove	G	24	Ear	PAG	488-46212	2521199	1403139
TM-16HD	B	125mm 4 59/64", 2 Groove	G	12	Ear	PAG	488-46222	2521201	1403140
TM-16HD	D	123mm 4 27/32", 8 Groove	G	12	Ear	PAG	488-46234	2521206	1403141
TM-16HD	A	135mm 5 1/4", 2 Groove	B	12	Ear	PAG	488-46321		1403142
TM-21HD									
TM-21HD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1403144
TM-21HD	N/A	141mm , 8 Groove	N/A	12	Tangential	PAG	488-47244	2521562	1403145
TM-21HD	N/A	141mm , 8 Groove	N/A	12	Tangential	PAG	488-47246	2521563	1403146
TM-21HD	N/A	145mm , 2 Groove	N/A	24	Tangential	PAG	488-47242	2521565	1403147
TM-21HD	N/A	145mm , 2 Groove	N/A	12	Tangential	PAG	488-47240	2521564	1403150
TM-31HD									
TM-31HD	N/A	152.4mm 6", 2 Groove	N/A	12	Tangential	PAG	488-46500		1403143
TM-31HD	N/A	152.4mm 6", 8 Groove	N/A	12	Tangential	PAG	488-46540	2521213	1403149



Seltec to Sanden Interchange

Sanden	Kysor	Seltec	Kysor	Seltec
R-12 Compressors				
5425	1403011	488-25065		
5726	1403010	488-25063		
5746	1403010	488-25063		
5749		488-25122		
9103		488-26003		
9114		488-25023		
9119		488-26066		
9120		488-26011		
9514	1403010	488-25063		
5742	1403001	488-25011	1403004	488-25021
5747	1403007	488-25035	1403011	488-25065
5748		488-25120		488-25121
7409		488-25018		488-25043
7621		488-25018		488-25043
8390	1403005	488-25022		488-25003
9285	1403004	488-25021	140301	488-25011
9515	1403001	488-25011	1403004	488-25021
9537		488-25120		488-25121

Sanden	Kysor	Seltec	Kysor	Seltec
R-134a Compressors				
4506	1403101	488-45015	1403110	488-45056
4509	1403100	488-45011	1403104	488-45021
4510	1403100	488-45011	1403104	488-45021
4511		488-45094		
4513		488-45039		
4514	1403119	488-45120	1403120	488-45121
4515	1403106	488-45035		488-45065
4516		488-45061	1403111	488-45057
4529		488-45023		
4530		488-45033		
4627		488-45018		488-45043
4647	1403115	488-45077		
4663		488-45043		488-45018
4664	1403100	488-45011	1403104	488-45021

Seltec/ICE Cylinder Head Fittings

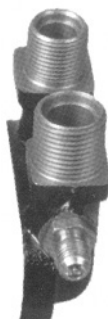
Part No. 1407034

Vertical 3/4" x 7/8"
Male Flare
W/Ports

**No
Photo
Available**

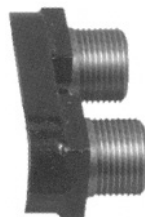
Part No. 1407035

Vertical 3/4" x 7/8"
Male O-Ring
W/R-12 Ports



Part No. 1407036

Horizontal
Male O-Ring
1" x 14



Part No. 1407037

Vertical 1" x 14
Male O-Ring



Part No. 1407038

Vertical 3/4" x 7/8"
Female O-Ring

**No
Photo
Available**

COMPRESSORS





Clutch Variations

STYLE A
135mm
Double A Groove



STYLE B
125mm
Double A Groove



STYLE C
6 Groove



STYLE D
8 Groove



STYLE E
Overhang



STYLE F
Variable Groove

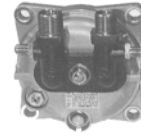


STYLE G
7 Groove



Cylinder Head Configurations

TYPE A
Cast Vertical
O-Ring
R-12 Charging
Ports
3/4" x 7/8"



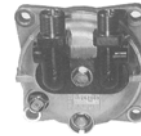
TYPE B
Aluminum
Vertical O-Ring
3/4" x 7/8"



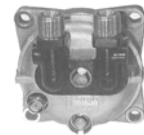
TYPE C
Cast Horizontal
O-Ring
3/4" x 7/8"



TYPE D
Cast Vertical
O-Ring
3/4" x 7/8"



TYPE E
Cast Vertical
Tube O-Ring
1" x 14"



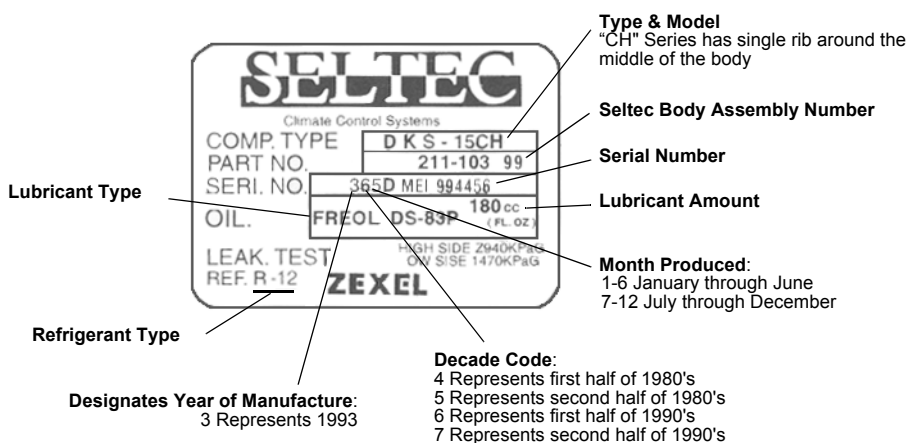
TYPE F
Cast Horizontal
Tube O-Ring
1" x 14"



TYPE G
Horizontal
GM Pad



Compressor Identification



488-25077

The eight digit Seltec Part Number will be on a separate blue label with rounded corners

ICE/Seltec to Kysor Interchange

ICE Part No.	Seltec Part No.	Kysor Part No.
2521152	488-45011	1403100
2521153	488-45015	1403101
2521154	488-45017	1403102
2521156	488-45019	1403103
2521157	488-45021	1403104
2521158	488-45030	1403105
2521162	488-45047	1403108
2521166	488-45063	1403112
2521325	488-45071	1403113
2521168	488-45075	1403114
2521170	488-45088	1403117
2521171	488-45120	1403119
2521172	488-45121	1403120
2521266	488-45122	1403121
2521335	488-45141	1403122

ICE Part No.	Seltec Part No.	Kysor Part No.
2521174	488-45210	1403123
2521178	488-45234	1403124
2521180	488-46011	1403125
2521181	488-46015	1403126
2521182	488-46017	1403127
2521185	488-46021	1403128
2521186	488-46030	1403129
2521187	488-46043	1403130
2521350	488-46075	1403135
2521195	488-46120	1403136
2521196	488-46121	1403137
2521199	488-46212	1403139
2521201	488-46222	1403140
2521206	488-46234	1403141

COMPRESSORS



Truck Replacement Parts



VOLVO



PACCAR

VOLVO HD TRUCKS

ICE No.	Compressor Description	Sanden No.	Volvo No.	Kysor No.
2521475	Tm 16 125 mm 2 A Groove 12 Volt WV Type Fittings Ear Mount	4717	8082270	1406001
2521475	Tm 16 125 mm 2 A Groove 12 Volt WV Type Fittings Ear Mount	4715	8082269	1406001*

PACCAR HD TRUCKS

ICE No.	Compressor Description	Sanden No.	PACCAR No.	
2521495	TM 16 125 mm 2 A Groove 12 volt GQ Type Fittings Ear Mount	4696	F69-1000	1406003
2521496	TM 16 123 mm PV 8 Groove 12 volt GQ Type Fittings Ear Mount	4705	18-04178	1406006

* To replace the 4715 a mount bracket is needed. Component Parts part no. 1406100 (8mm mounting holes) or 1406101 (10mm mounting holes).

ICE to Sanden Specifications

Clutch Dia.	Groove	Voltage	Diode	Connector	Overall Length	PRV	Ear Mount	Part No.
125mm	2a	12	No	Same	244mm	Yes	Yes	2521475 (ICE)
132mm	2a	12	No	Same	243mm	Yes	Yes	4717 (Sanden)
132mm	2a	12	No	Same	249mm	Yes	Direct Mount	4715* (Sanden)
123mm	Pv8	12	No	Same	243mm	Yes	Yes	2521493 (ICE)
130mm	Pv8	12	No	Same	243mm	Yes	Yes	4716 (Sanden)
125mm	2a	12	No	Same	246mm	Yes	Yes	2521495 (ICE)
125mm	2a	12	Yes	Same	247mm	Yes	Yes	4696 (Sanden)
123mm	Pv8	12	No	Same	243mm	Yes	Yes	2521496 (ICE)
119mm	Pv8	12	Yes	Same	247mm	Yes	Yes	4705 (Sanden)

* To replace the 4715 a mount bracket is needed. Component Parts part no. 1406100 (8mm mounting holes) or 1406101 (10mm mounting holes).

NOTES:

- 1 The TAMA compressor's suction and discharge ports are the opposite of the SD 7H15 compressors. There is plenty of hose line when changing out the compressor with the TAMA.
- 2 PRV = Pressure relieve valve.



R4, LT R4 & V5 Compressor Identification Chart



Compressors

Part Nos. 1404005
1494005



Part Nos. 1404007
1494007



Part No. 1494008



Part No. 1494009



Part Nos. 1404011
1494011



Part No. 1494001



Part Nos. 1494002
1404002



Part No. 1494003



Part Nos. 1494013



Part No. 1494014



COMPRESSORS



Compressor Specifications

Model No.	Mount Type	Clutch Type	Notes	RMFG. No.	New No.
R4	Metric Thread	1 Groove, 5 1/2" Diameter	High Pressure Switch Type	1494001	N/A
LTR4-S/S	Metric Thread	N/A	High Pressure Switch Type	1494002	1404002
LTR4-S/S	N/A	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494003	N/A
V5	Ear	6 Groove, 5" Diameter	N/A	1494004	N/A
LTR4-S/S	Metric Thread	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494005	1404005
LTR4-S/S	Metric Thread	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494006	N/A
LTR4-S/S	N/A	6 Groove, 5" Diameter	High Pressure Switch Type	1494007	1404007
LTR4-S/S	N/A	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494008	1404008
LTR4-S/S	N/A	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494009	N/A
R4	Tangent	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	1494011	N/A
V5	Ear	6 Groove, 5" Diameter	N/A	1494013	N/A
V5	Ear	6 Groove, 4 1/4" Diameter	N/A	1494014	N/A
R4	Metric Thread	1 Groove, 4 5/8" Diameter	High Pressure Switch Type	1494015	N/A
R4	Metric Thread	6 Groove, 4 1/4" Diameter	High Pressure Switch Type	N/A	1404018
R4	Metric Thread	6 Groove, 5" Diameter	High Pressure Switch Type	N/A	1404019
R4	Metric Thread	1 Groove, 5" Diameter	High Pressure Switch Type	N/A	1404020

**V5**

This variable displacement compressor has five pistons that adjust displacement automatically to match vehicle air conditioning demand. A control valve in the V-5's rear head senses evaporator load and automatically changes displacement to match that load. Unlike cycling clutch air conditioning systems, The V-5's continuous displacement feature results in smooth, continuous compressor operation without any clutch cycling, improving air conditioning performance and fuel economy. The V5 is used on both TXV and orifice tube air conditioning systems.

R4

The R4 is a fixed displacement compressor with a step-port design and is shipped without oil or switches. It is designed to meet the OE specifications for performance and durability. The R4 is used primarily on R-12 vehicles (pre-1194). The R4 is a four cylinder, radial style compressor.

A6 Compressor Identification Chart



AXIAL 6 CYLINDER - A6
12.6 cu. in.

A6 Compressors

Part No. 1404022



Part No. 1404025



A6 Compressor Specifications

Model No.	Mount Type	Clutch Type	Notes	RMFG. No.	New No.
A6	N/A	1 Groove, 5 5/8" Diameter	R-12, 10:00 Coil Position, No Switch, CW Rotation, w/Mineral Oil, 12V	N/A	1404022
A6	N/A	1 Groove, 5" Diameter	R-134a, 10:00 Coil Position, No Switch, w/PAG Oil, 12V	N/A	1404025
A6	N/A	N/A	N/A	1494025	N/A
A6	N/A	1 Groove, 5" Diameter	R-12, 2:00 Coil Position, Superheat Switch, w/Mineral Oil, 12V	N/A	1404027
A6	N/A	8 Groove	Pag, Carrier (Bus) OEM No. 76-62006-00		1404028
A6	N/A	N/A	Carrier (Bus) OEM No. 502-216Z		1404029

GENERAL SPECIFICATIONS

- Six cylinder axial configuration
- Bore: 38.1mm (1.5 in.)
- Stroke: 30.2mm (1.2 in.)
- Displacement: 207cc (12.6 cu. in., 177cc/10.8 cu. in., and 151cc/9.2 cu. in. also available)
- Refrigerant: R134a or R12
- Oil Charge: 10 oz. PolyAlkyleneGlycol Oil (R134a) or 525 Viscosity Mineral Oil (R12)
- Maximum Speed: 6500 RPM continuous, 7500 RPM intermittent
- Clutch Coil: 12 Volt DC or 24 Volt DC
- Resettable high Pressure Relief Valve
- Rotation: Clockwise or Counter Clockwise
- Single, Double or Poly-Vee Pulleys available
- Integral Compressor Protection and System Control Switches available.

COMPRESSORS



A6 DESIGN FEATURES AND BENEFITS**Reduced O.E. system design and conversion concerns**

- A6 compatibility with both R12 and R134a minimizes system design and conversion concerns.

Sufficient cooling capacity

- The A6 207cc (12.6 cu. in.) displacement provides ample capacity to cool even the largest vehicle interior space.

Ease of installation

- Wide range of pulley diameters and groove configurations available from 122.7cc (4.81 cu. in.) to 172cc (6.7 cu. in.).

Reduced overall A/C system noise

- Four-pole electromagnetic clutch machined from forgings provides high inertia, eliminating belt whip.
- Cast iron cylinder case and shell configuration reduces airborne under-hood noise.
- Integral muffler cavities in heads absorbs compressed gas pressure pulses.

Reduced vibration

- Axial six-cylinder mechanism is naturally balanced for low dynamic torque peaks allowing simplified bracket design.
- Electromagnetic clutch machined from forgings provides high inertia to absorb induced vibrations.

Superior durability

- Oil sump and positive displacement oil pump assures lubrication at low speed and low charge conditions.
- Cast iron cylinder case with high strength aluminum pistons and teflon rings provides excellent wear surfaces.
- Cast iron mounting bosses provide rigidity and strength.

Reduced overall A/C system costs

- Integral high pressure relief valve
- Integral compressor protection or system control switch provides reduced system costs over line mounted switches and reduced leak potential because switch installation is leak tested as part of the compressor assembly.
- The high-pressure cut-off switch disengages compressor before high-pressure relief valve opens.
- The fan cycling switch turns the condenser/radiator fan on and off as needed.
- The low-pressure switch disengages the compressor clutch in the event of total refrigerant charge loss and also serves as low ambient switch.
- The superheat switch senses low or partial refrigerant charge. It can be wired to a thermal limiter fuse or low charge indicator lamp.

VALIDATED FOR USE WITH R134A

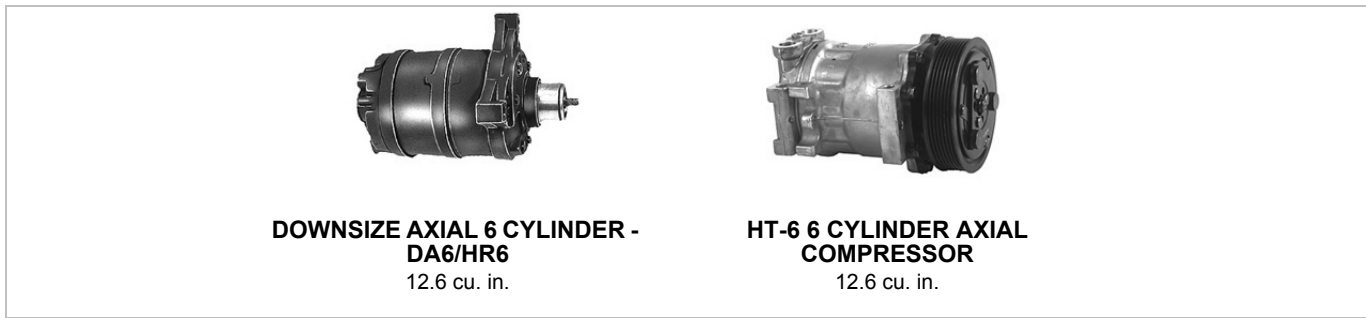
With over 60 million units produced for use with R12 and R134a refrigerant, the A6 compressor is known as the "Standard of the Industry" for its unparalleled durability and proven reliability.

At 207cc (12.6 cu. in.) displacement, this 6-cylinder compressor is one of the largest displacement compressors on the market today. Its capacity at idle is virtually unmatched in the compressor marketplace, and it has a proven record of superior, long-term durability.

The A6 compressor mechanism consists of three double-ended pistons driven by an axial plate and shaft assembly. The cylinder and heads are cast iron, providing superior durability and noise absorption. An integral oil sump and positive displacement oil pump assure mechanism lubrication at low refrigerant flow conditions (idle) and even at low refrigerant charge.



DA6, HR6 & HT-6 Compressor Identification Chart



DA6, HR6 & HT-6 Compressors

Part No. 1404010



Part No. 1494010



Part No. 1494012



Part No. 1494017



DA6, HR6 & HT-6 Compressor Specifications

Model No.	Mount Type	Clutch Type	Notes	RMFG. No.	New No.
HT-6	Tangent	6 Groove, 4 1/4" Diameter	1 Plug Port	1494010	1404010
HT-6	Tangent	6 Groove, 5" Diameter	Pressure Relief Valve	1494012	N/A
HT-6	Tangent	6 Groove, 4 45/64" Diameter	N/A	1494018	1404030
HR6	N/A	1 Groove, 5" Diameter	2 Ports	1494016	N/A
HR6	Metric Thread	No Clutch	2 Ports	1494017	N/A

HT-6 Specifications

Parameters	Requirements
Type	6 cylinder, axial swash plate mechanism
Capacity (200 rpm)	7626 watts
Displacement	164 cc
Dimensions	Length: 228.0 mm Diameter: 118.0 mm
Dry weight	6.8 kg (with clutch assembly)
Operating Speed	7500 rpm, maximum cycling 9000 rpm, maximum continuous 12000 rpm, transient
Refrigerant	R-134a
High-pressure relief valve setting	3171-4137 kPa
Rotation	Clockwise (counterclockwise also available)

Features

- Axial-type mechanism with internal gas attenuating chambers lubrication
- Die-cast aluminum construction
- Compact size

Description – With over 40 years of design improvements, the 6-cylinder axial-type HT-6 compressor is one of the lightest, most efficient 164 cc displacement compressors available today.

Typical Application – Compact size, configuration flexibility, and a host of design and performance options make the HT-6 the right choice for trucks, farm equipment, and other off-highway commercial vehicle applications.

Performance Advantages – A proven axial-type mechanism, together with an uncompromising quality assurance program, make the HT-6 extremely reliable. It has better lubrication features and less noise and vibration than any other axial-type compressor design. Its internal gas attenuation feature eliminates the need for system mufflers or large, bolt-on manifolds on most applications. Several special options are available on the HT-6, including: various pulley and clutch configurations; protection devices and control switches; various porting and mounting configurations; and adaptability to 12 or 24 volt mobile systems.

Benefits

- Efficient performance with reduced noise and vibration, and enhanced lubrication
- Lightweight
- Excellent packaging options



Ford FS-6, FS-10, FX-15

FS-6 Compressor Identification

6 Cylinder Axial Type Compressor (10.4 cu. in.)



TANGENTIAL (CROSS-BOLT) MOUNT



TANGENTIAL (CROSS-BOLT) MOUNT



STANDARD EAR MOUNT



STANDARD EAR MOUNT (W/CLUTCH)

All FS-6 Compressors are 6 Cylinder Axial Type (10.4 cu. in.)

COMPRESSORS

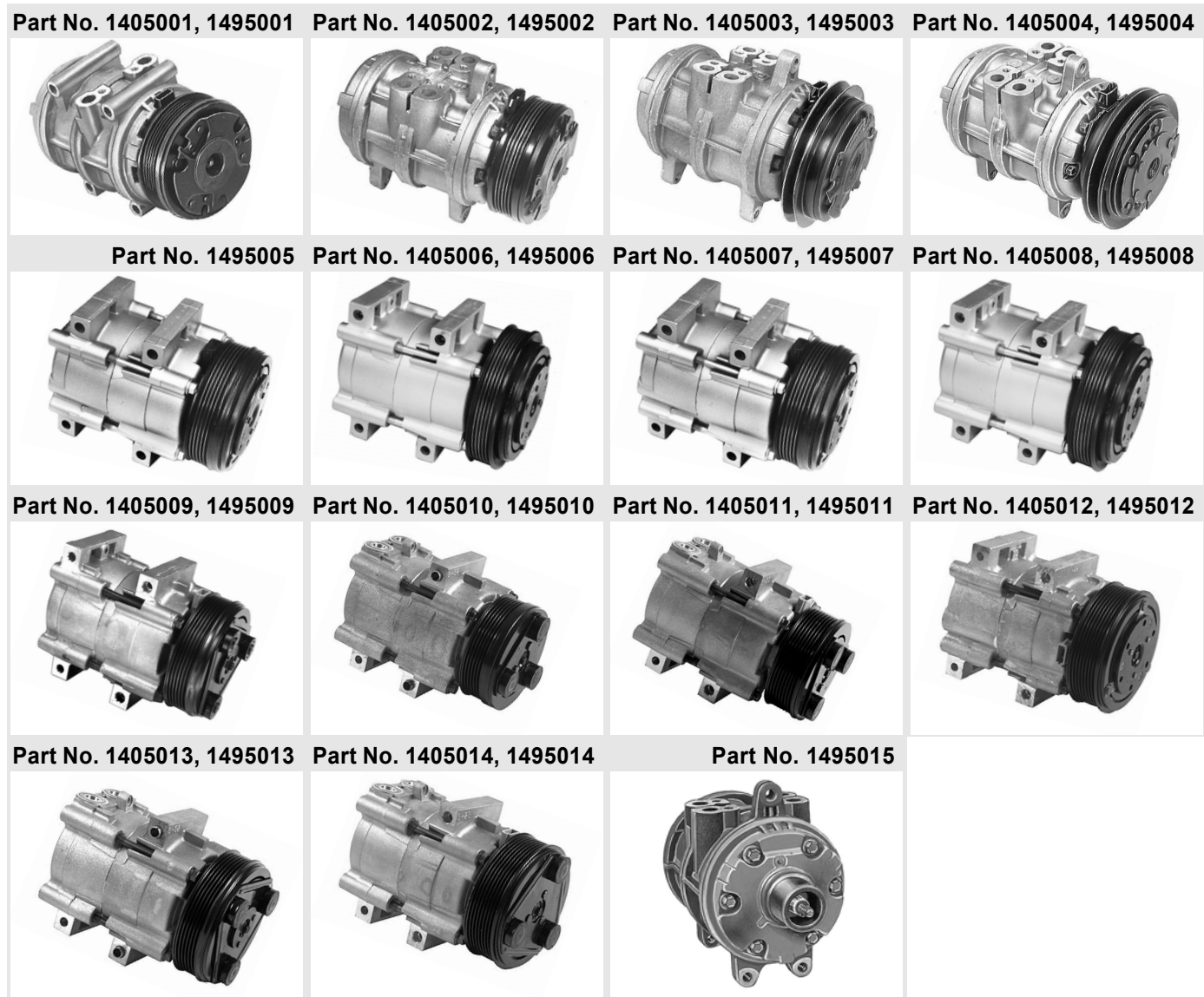


FS-10, FX-15 Compressor Identification

5 Cylinder Axial Type Compressor (10.4 cu. in.)



Compressor Specifications



COMPRESSORS



Compressor Specifications

Model No.	Mount Type	Clutch Type	RMFG. No.	New No.
FS6	Tangent	6 Groove, 4 3/4" Diameter	1495001	N/A
FS6	Ear	6 Groove, 4 3/4" Diameter	1495002	1405002
FS6	Ear	1 Groove, 6" Diameter	1495003	1405003
FS6	Ear	1 Groove, 6" Diameter	1495004	1405004
FX15	Tangent, 8mm Holes	6 Groove, 5 3/4" Diameter	1495006	1405006
FX15	Tangent, 10mm Holes	6 Groove, 5" Diameter	1495007	1405007
FX15	Tangent, 10mm Holes	6 Groove, 5 3/4" Diameter	1495008	1405008
FS10	Tangent, 8mm Holes	6 Groove, 5 1/8" Diameter	1495009	1405009
FS10	Tangent	6 Groove, 4 1/2" Diameter	1495010	1405010
FS10	Tangent	8 Groove, 5 3/8" Diameter	1495011	N/A
FS10	Tangent	8 Groove, 5 3/32" Diameter	N/A	1405012
FS10	Tangent	6 Groove, 5 1/8" Diameter	1495013	1405013
FS10	Tangent	8 Groove, 5 1/8" Diameter	1495014	N/A
FS6	N/A	N/A	1495015	N/A

Compressor Mounting Kits

Part No. 1407001

**Compressor Bracket Kit
CAT 3406B - Compressor Mounted Vertically**

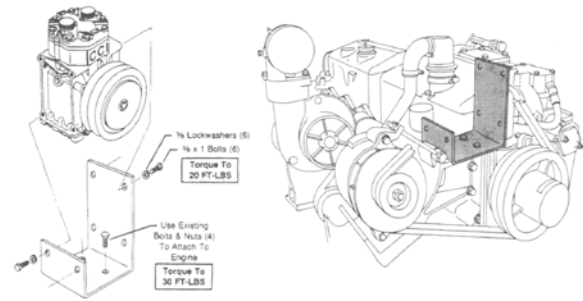
This kit includes a bracket and mounting hardware to replace the round A/C compressor with a CCI two cylinder compressor on vehicles with CATERPILLAR 3406B engines where the compressor is mounted in an upright or vertical position.

Applications: Kenworth All Models 1984-current
Freightliner* All Models 1985-current
*This application can also use Bracket Kit 1407002

Compressor: This bracket is designed for all CLIMATE CONTROL heavy duty compressors.

Clutch: Use any of these clutches:
OGURA #332639 or 501939 PITTS #10884
WARNER #1411-39 NAVISTAR #1-1566
MACK #1MX 242 or 1MX 1280

Drive Belt: This kit is designed to use the existing belts.



Compressor, clutch, and service valves are purchased separately.

Part No. 1407002

**Compressor Bracket Kit
CAT 3406B - Compressor Mounted Horizontally**

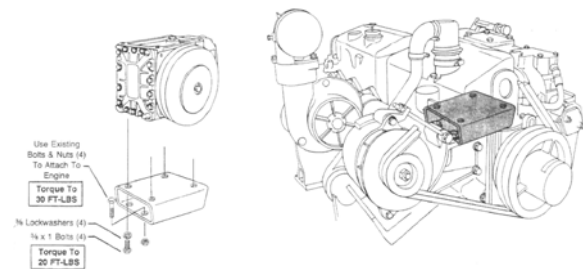
This kit includes a bracket and mounting hardware to replace the round A/C compressor with a CCI two cylinder compressor on vehicles with CATERPILLAR 3406B engines where the compressor is mounted in a horizontal position.

Applications: Peterbilt All Models 1986-current
Freightliner All Models 1985-current

Compressor: This bracket is designed for all CLIMATE CONTROL heavy duty compressors.

Clutch: Use any of these clutches:
CLIMATE CONTROL #024-21590 OGURA #332639 or 501939
(preferred since it is diode protected) PITTS #10884
WARNER #1411-39 NAVISTAR #1-1566
MACK #1MX 242 or 1MX 1280

Drive Belt: This kit is designed to use the existing belts.



Compressor, clutch, and service valves are purchased separately.

Part No. 1407003

**Compressor Bracket Kit
CUMMINS NTC/N14 - Compressor Driven from Front Groove**

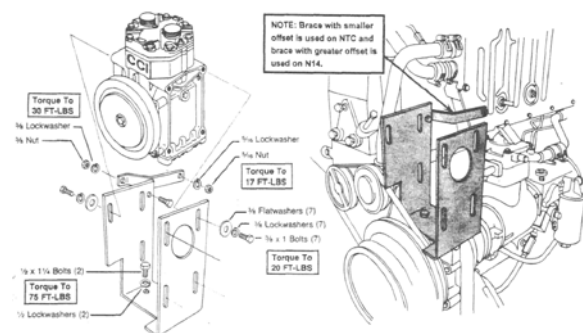
This kit includes brackets and mounting hardware to mount a CLIMATE CONTROL (YORK) two cylinder compressor on vehicles with CUMMINS NTC/N14 engines where the compressor is driven from the front groove of the drive pulley.

Applications: Kenworth K100 & W900 1984-current
Freightliner Conventional 1985-1988
Freightliner Cabover 1985-current

Compressor: This bracket is designed for all CLIMATE CONTROL (YORK) 210 Compressors.

Clutch: Use any of these clutches:
CLIMATE CONTROL #024-21590 OGURA #332639 or 501939
PITTS #10884 WARNER #1411-39
NAVISTAR #1-1566 MACK #1MX 242 or 1MX 1280

Drive Belt: Use 17401 (40-1/8") for 7" drive pulley
Use 17432 (43-1/4") for 9" drive pulley



Compressor, clutch, and service valves are purchased separately.



Compressor Mounting Kits *(continued)*

Part No. 1407004

Compressor Bracket Kit DETROIT DIESEL SERIES 60 - Right Side

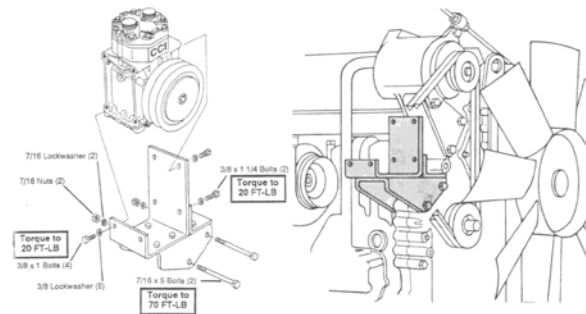
This kit includes a bracket assembly and mounting hardware to install a CLIMATE CONTROL/YORK two cylinder compressor on vehicles with DETROIT DIESEL SERIES 60 engines. The compressor mounts on the right side of the engine and is driven by the accessory drive belts which also drive the alternator.

Applications: Fits most makes and models 1991 and newer. On 1990 and older vehicles, this bracket can be used if a Kenworth K181-5234 Water Bypass Pipe is substituted for the original pipe.

Compressor: This bracket is designed for all CLIMATE CONTROL/YORK 210 Compressors.

Clutch: Use any of these clutches:
OGURA #332639 or 501939 PITTS #10884
WARNER #1411-39 NAVISTAR #1-1566

Drive Belt: Use a matched pair of 54.5 to 55" belts or a Freightliner #01-20984-2 or -3 (powerband belt). To use shortest possible belts, push compressor and bracket inboard as far as possible, then slip belts over clutch pulley and finally install the 5" long bolts. This allows increased belt adjustment.



Compressor, clutch, and service valves are purchased separately.

Part No. 1407005

Compressor Bracket Kit CUMMINS NTC & N14 - Third Groove (From Front) Drive

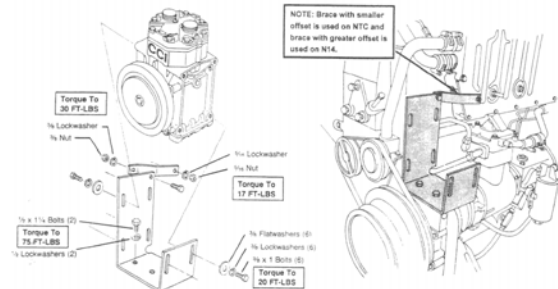
This kit includes brackets and mounting hardware to mount a CLIMATE CONTROL/YORK two cylinder compressor on vehicles with CUMMINS NTC/N14 engines where the compressor is driven from the third groove from the front of the drive pulley.

Applications: Kenworth
Peterbilt
Freightliner *(Bracket fits most models listed from 1984 to present)*
Volvo
Ford

Compressor: This bracket is designed for all CLIMATE CONTROL/YORK 210 Compressors.

Clutch: Use any of these clutches:
CLIMATE CONTROL #024-21590 OGURA #332639 or 501939
PITTS #10884 WARNER #1411-39
NAVISTAR #1-1566 MACK #1MX 242 or 1MX 1280

Drive Belt: Use 17401 (40-1/8") for 7" drive pulley
Use 17432 (43-1/4") for 9" drive pulley



Compressor, clutch, and service valves are purchased separately.

Part No. 1407006

Compressor Bracket Kit CUMMINS M11/L10 SERIES

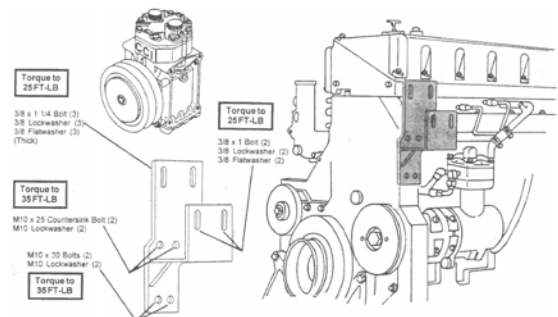
This kit includes a bracket assembly and mounting hardware to install a CLIMATE CONTROL two cylinder compressor on vehicles with CUMMINS M11/L10 engines. The compressor mounts on the left side of the engine and is driven by the accessory drive belt.

Applications: Fits most M11 and L10 engines. If coolant line interferes with bracket, an optional routing is available.

Compressor: This bracket is designed for all CLIMATE CONTROL heavy duty compressors.

Clutch: Use any of these clutches:
CLIMATE CONTROL #024-21590 *(preferred since it is diode protected)*
OGURA No. 332639 or 501939 PITTS #10884
WARNER #1411-39 NAVISTAR #1-1566
MACK #1MX 242 or 1MX 1280

Drive Belt: Use a 47" belt or shortest belt available. After bracket is mounted to engine, use the appropriate supplied hardware to bolt compressor into bracket allowing for slot adjustment.



Compressor, clutch, and service valves are purchased separately.

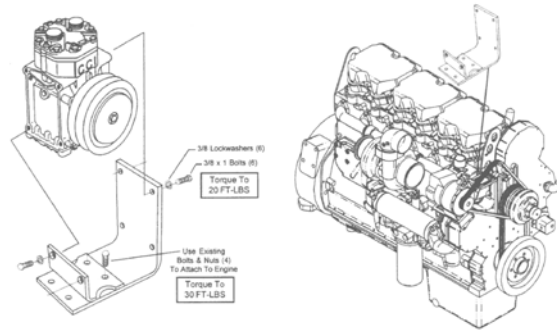
COMPRESSORS



Mounting Kits and Accessories

Compressor Mounting Kits *(continued)*

Part No. 1407007



Compressor Bracket Kit CUMMINS M11/L10 SERIES

This kit includes a bracket assembly and mounting hardware to install a CLIMATE CONTROL two cylinder compressor on vehicles with CUMMINS M11/L10 engines. The compressor mounts on the left side of the engine and is driven by the accessory drive belt.

Applications: Peterbilt*	All Models	1984-current
Kenworth	All Models Except T-2000	1984-1989
Kenworth	T-2000	1996-current
Freightliner	FLD	1988-1989

*Radiator overflow fitting is included in kit. Overflow hose requires rerouting/replacing.

Compressor: Use bracket with:

A: COMPRESSOR WITH CLUTCH INSTALLED (Two-groove, single wire):

CCI	ET210L-25073C
CLIMATECH	LC1140
ALLIANCE	CFCET210L-25073C

- OR -

B: COMPRESSOR - PLUS - CLUTCH:

Compressor Make	P/N:	Clutch Make	Single Wire P/N:	Dual Wire P/N:
CCI	ET210L-25150	CCI	024-21500	024-25238
CLIMATECH	LC2100	CLIMATECH	KA1040	
ALLIANCE	CFCET210L-25150S	ALLIANCE	CFC024-21590	CFC024-25238

Drive Belt: This kit is designed to use the existing belts.

Compressor, clutch, and service valves are purchased separately.

COMPRESSORS



Sanden & CCI Mounting Brackets

Part No. 1407008



Universal Compressor Adapter Bracket

Will mount Seltec or Sanden compressor to most C.C.I. or Blissfield compressor brackets.

Part No. 1407009



Universal Compressor Adapter Bracket

Universal Seltec or Sanden Mounting Kit - may require additional brackets to be fabricated.

Shaft Seal Kit

Part No. 1407010



CCI Compressor Shaft Seal Kit

Deluxe Shaft Seal Kit for CCI Compressors