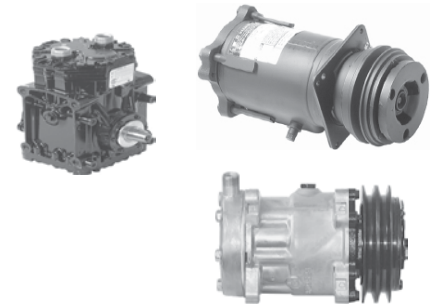


**Basic Compressor Information**

There are many different makes of compressors used in our marketplace. Regardless of manufacture and design, all compressors operate as the pump to keep the refrigerant circulating and to increase the refrigerant's pressure. T/CCI (York Style) compressors are known as reciprocating, upright or in-line type compressors. The Denso, Ford, GM, Sanden, and Seltec/Valeo are rotary types. The suction side (low side) and discharge side (high side) ports are usually stamped with the letters "S" or "D" on the compressors head.



# COMPRESSORS (03- )

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YORK STYLE (see T/CCI)

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**COMPRESSOR RELATED ITEMS**

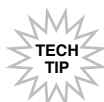
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**COMPRESSOR LUBRICATION SPECIFICATIONS CHART**

Compressor Style	Oil Capacity	Type Oil-R12	Oil P/N R-12	Type Oil R134a	Oil P/N R134a	Additional Notes	Oil Measure Tool
Denso	7.44 oz.	n/a	n/a	PAG46	17-3411	2	3
Ford Scroll	4-6 oz. (5)	n/a	n/a	PAG46	17-3411	2	3
Frigidaire A6	10 to 11 oz.	525 visc.	17-3000	PAG150	17-3412	1, 2, 5	3
Frigidaire R4	5-1/2 to 6-1/2 oz.	525 visc.	17-3000	PAG150	17-3412	1, 2, 5	3
Frigidaire DA6,HR6,HR6HE,HD6,HT6,HU6,V5	8 oz.	525 visc.	17-3000	PAG150	17-3412	1, 2, 5	3
Ford FS6/6E171	10 oz.	500 visc.	n/a	PAG46	17-3411	2, 5	3
Ford FX15/FS10; FS18	6 to 7 oz.	500 visc.	n/a	PAG46	17-3411	2, 5	3
Sanden SD508, SD508HD, SD5H09	see note (6)	525 visc.	17-3000	PAG/SP15	17-3422	2	15-3084
Sanden SD510, SD5H14, SDH14HD	see note (6)	525 visc.	17-3000	PAG/SP15	17-3422	2	15-3084
Sanden SD709, SD7H15HD, SHD	see note (6)	525 visc.	17-3000	PAG/SP15	17-3422	2	15-3084
Seltec/Tama DKS13CH/TM13	6 to 6-1/2 oz. (4)	FREOL	n/a	PAG46	17-3411	1, 2	3
Seltec/Tama DKS15BH/TM15	6 oz. (4)	FREOL	n/a	PAG46	17-3411	1, 2	3
Seltec/Tama DKS16H/TM16	8-1/2 oz.	FREOL	n/a	PAG46	17-3411	1, 2	3
Seltec/Tama DKS26H/TM31	16.9 oz.	525 visc.	n/a	PAG46	17-3411	1, 2	3
Seltec/Tama TM08HD	5 oz.	n/a	n/a	PAG46	17-3411	1, 2	3
Tecumseh HG1000	11 oz.	525 visc.	17-3000	ESTER	17-3415	1, 2	15-3023
T/CCI/York 210, ER210, ET210/ES210	10 to 14 oz.	525 visc.	17-3000	PAG100	17-3415	1, 2	15-3023
T/CCI/York ET212	10 to 14 oz.	n/a	n/a	PAG100	17-3415	1, 2	15-3023

**NOTES:**

- 1) Can also use P/N 17-3415 Icematic Retro 100 Ester Oil for retrofitting. Ester oil is more tolerant of any residual amounts of R12 mineral oil left in the system. Always follow the O.E. manufacturers recommended oil type & oil change procedures when retrofitting any vehicle.
- 2) Provided that no major oil loss has occurred in the system, add the following amount of oil for each component replaced:
  - a.) Receiver-Drier - 1 oz.
  - b.) Accumulator - 1 oz. plus same amount drained from old unit.
  - c.) Dessiccant Bag - 1 oz. plus same amount drained from bottom of VIR.
  - d.) Condenser - 1 oz.
  - e.) Evaporator - 2 oz.
  - f.) Hose - NONE (All hoses replaced add 1 oz. total).
  - g.) System Flushed - add 1 to 2 oz. extra to system.
- 3) No tool is available to check oil level. Compressor must be removed from system, tilted and oil drained and measured out of oil or fitting port openings. This will require rotation of clutch pulley during draining.
- 4) Models with aluminum fittings (monolithic head type OV) supplied with 160 cc. oil. Cast iron fitting models (type CT, CV, CVF, CH, and HT) contain 180 cc. oil. It is recommended that OV type compressors have an additional 1 oz. of oil added to the system.
- 5) Some **new** compressors are supplied **without** oil. (An orange warning tag will usually accompany the compressor). Check the instructions inside the box for adding the proper type and amount of oil to the compressor.
- 6) Refer to Sanden compressor visual section pages for oil capacity.



To convert cc to ounces, multiply cc by 0.03385

**TROUBLE SHOOTING CHART - Rotary Type**

SYMPTOM	PROBLEM DIAGNOSIS AND INSPECTION	CAUSE AND REMEDY REPAIR OR REPLACE			
<b>LACK OF COOLING - (Smooth Running Compressor)</b>					
Unusually high suction pressure with unusually low discharge pressure	1. Perform a valve plate test	Broken head or block gasket Broken or deformed reed valve Foreign substance under the reed valve or gasket			
Unusually low suction and discharge pressure	1. Check for low refrig. charge 2. Leak check compressor 3. Leak check and diagnose system (see service manual)	Shaft seal leak Cylinder head leak Gasket leak Oil filter plug leak Cracked cylinder block			
<b>LACK OF COOLING - (Rough Running Compressor)</b>					
Intermittent or Inoperative	1. Check belt tension 2. Check clutch air gap 3. Check clutch volts, amps, and coil lead wire	Adjust air gap Broken lead wire Clutch coil defect - internal System ground - see manual			
Rough Running	4. Perform shaft turning smoothness test	Compressor failure - internal			
<b>UNUSUAL NOISE</b>					
NOTE: Noises may be caused by components other than the compressor; however, it is normal to generate some noise.					
Clutch Engaged	1. Check compressor mounting 2. Check other engine parts 3. Check for intermittent or slipping clutch 4. Check for proper refrig.charge 5. Check clutch bearing 6. Oil level - insufficient 7. Shaft turning smoothness test 8. Remove valve plate and inspect	Loose belt, bracket or bolts Water or air pump, alt, timing belt Adjust air gap Defective coil Recharge and recheck Replace rotor / armature assm. Restore to proper level Compressor failure - internal Broken discharge valve reed or retainer Broken suction valve reed Broken gasket			
Clutch Disengaging or "Chattering"	1. Check air gap	Adjust air gap Defective clutch pulley or front plate			
<b>BELT TENSION SPECIFICATIONS</b> <i>(recommended for maximum clutch bearing life)</i>					
Grooves	Belt Wdth	Tension (lbs.)	Grooves	Grv Wdth	Tension( lbs.)
1 or 2	1/2"	121 ± 5	6 Multi	1/8"	180 ± 5
1 variable	1/2" / 9/16"	132 ± 5	7 Multi	1/8"	210 ± 5
1	5/8"	132 ± 5	8 Multi	1/8"	240 ± 5
			10 Multi	1/8"	300 ± 5
(Tolerance ± 4.95 lb; Multi Grooves based on 30 lb per groove)					

**TROUBLE SHOOTING CHART - Upright Type**

SYMPTOM	PROBLEM DIAGNOSIS AND INSPECTION	CAUSE AND REMEDY REPAIR OR REPLACE
<b>IMPROPER COOLING - (No unusual compressor noise)</b>		
High suction pressure, low discharge pressure	<ol style="list-style-type: none"> <li>1. Inspect valve plate, reed and gasket areas</li> <li>2. Refer to service manual</li> </ol>	Replace valve plate and gaskets
Low suction and discharge pressure	<ol style="list-style-type: none"> <li>1. Check for low refrig. charge</li> <li>2. Leak check compressor</li> <li>3. Refer to service manual</li> </ol>	Replace shaft seal, gaskets oil fill plug, etc.
<b>IMPROPER COOLING - (Internally noisy compressor)</b>		
Intermittent or non-functioning	<ol style="list-style-type: none"> <li>1. Check belt tension</li> <li>2. Check clutch volts, amps, and coil lead wire</li> <li>3. Refer to service manual</li> </ol>	
Rough Running	1. Check compressor temperature and component parts run-out	Compressor failure change out compressor
<b>EXCESSIVE NOISE</b>		
NOTE: noises may be caused by components other than the compressor; however, it is normal to generate some noise.		
Clutch Engaged	<ol style="list-style-type: none"> <li>1. Check compressor mounting</li> <li>2. Check other engine parts</li> <li>3. Check for clutch slippage</li> <li>4. Check for proper refrig.charge</li> <li>5. Check clutch bearing, clearing</li> <li>6. Oil level - insufficient</li> <li>7. Check valve plate</li> <li>8. Refer to service manual</li> </ol>	<ul style="list-style-type: none"> <li>Torque to specs</li> <li>Water or air pump, alt, timing belt</li> <li>Replace if needed</li> <li>Charge as necessary</li> <li>Replace if needed</li> <li>Fill to recommended level</li> <li>Replace if needed</li> </ul>
Clutch Not Engaging	<ol style="list-style-type: none"> <li>1. Check for slippage</li> <li>2. Check voltage going to clutch (should not be less than 12v)</li> </ol>	Replace if needed

## T/CCI Compressor Identification

Serial Number

REFRIGERANT HFC - 134a

No. **AM00015190**

PT. **ET210L25150**

PAG 14oz. **03-08**

CCI

Mfg. logo

Type of Oil

**Part Number**

L = Left Hand Suction "LHS"  
R = Right Hand Suction "RHS"

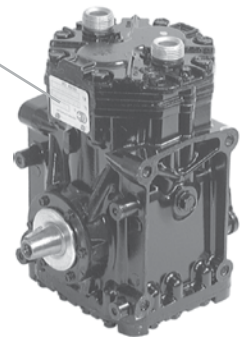
10 = Cubic Inch Displacement  
2 = Number of Cylinders

R = Rotolock Head  
T = Tube-O-ring Head  
F = Flange Type Head  
S = Slim Line Head

E = Equipment Grade

ET = O.E. Tube-O Style  
ER = O.E. Rotolock Style  
HD = Heavy Duty (Aftermarket Style)

**ID Tag**



NEW - HEAVY DUTY COMPRESSORS

### Selecting The Correct T/CCI Style Compressor

There are different ways to choose the correct replacement compressor:

1. Refer to the application section looking up application by Make, Year and Model and select the compressor needed. If it is not listed in the application section then...
2. Locate the Identification Tag on the compressor body - the part number is stamped on the tag. See compressor id tag shown above for explanation.
3. Refer to the chart on the following page. The chart is listed in alphabetical order by the head type ie: flange rotalock, tube-o along with our corresponding part number, specifications and photo.

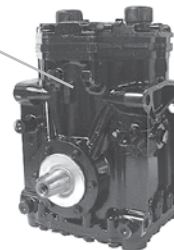
## GENERIC Identification



NOTE: **GENERIC** Compressors are OEM factory rebuilt and may contain noncritical reconditioned components.

Generics will have ID label on the rear of the compressor.

No ID Tag



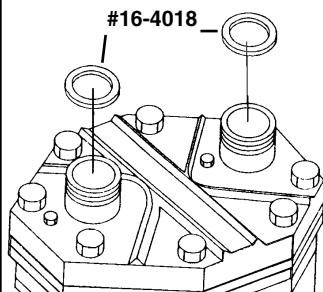
Label



GENERIC COMPRESSORS

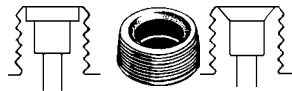
### Head Identification

**ROTALOCK - "RL"**  
Uses white teflon seal  
1/2" (#8) x 5/8" (#10)  
Teflon Square Cut Gasket

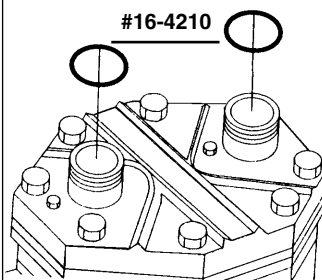


To convert a Rotolock head to Tube-O, use **#08-3070** adapter.

**TUBE O'RING - "TO"**  
1" x 14  
Uses HNBR (green) O'Ring

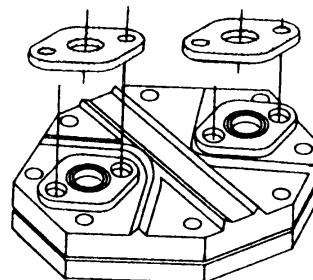
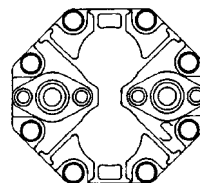


Both Are Inter-changeable

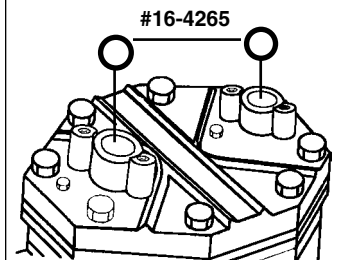
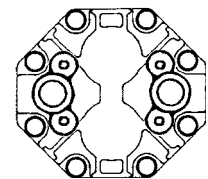


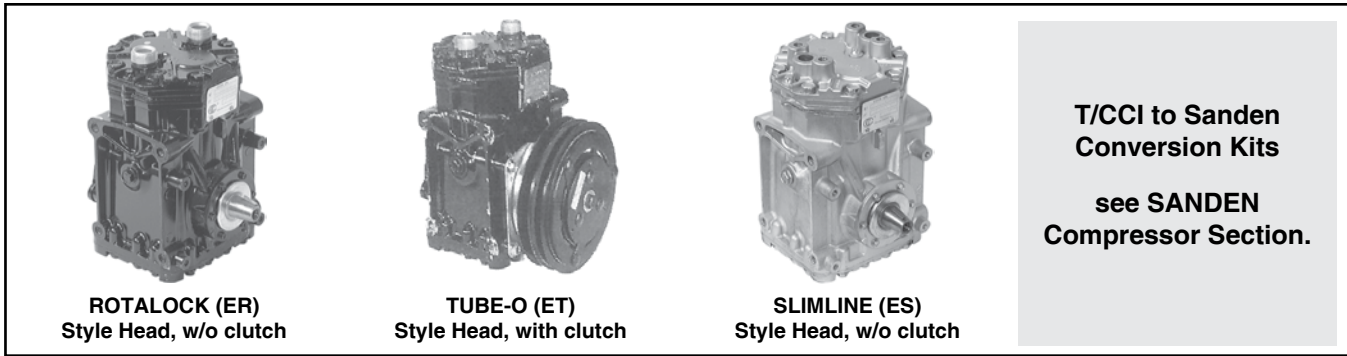
To convert a Tube-O head to Rotalock, use **#08-3076** adapter.

**FLANGE TOP - "FT"**  
Uses paper gasket or square cut O'ring



**SLIMLINE - "SL"**  
Uses insert tube



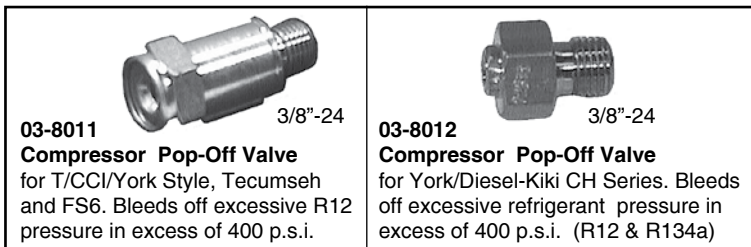


T/CCI NUMBER	TYPE	PART NO.	CLUTCH USED	CLUTCH DIA.	GROOVE	WIRE END	VOLT	GAUGE LINE A-B DISTANCE (see Clutch Section)
<b>EF 210 SERIES FLANGE TYPE HEAD RH SUCTION</b>								
EF210R-25212	NEW	03-3003E	Supplied without clutch, see Clutch Section for product offering.					
<b>ER 210 SERIE ROTALOCK HEAD 1/2"x 5/8" LH SUCTION</b>								
ER210L-25149	NEW	03-3004E	Supplied without clutch, see Clutch Section for product offering.					
R210L-21237	GENERIC	03-3104E	Supplied without clutch, see Clutch Section for product offering.					
ER210L-21571C	NEW	03-3032E	02-3402	6"	2	1 WIRE-WEATHERPAK	12v	2-1/4"
ER210L-21572C	NEW	03-3035E	02-3426	6"	1	1 WIRE-WEATHERPAK	12v	2-11/16"
<b>ET 210 SERIES TUBE-O HEAD 1"x14 LH SUCTION</b>								
ET210L-25150	NEW	03-3002E	Supplied without clutch, see Clutch Section for product offering.					
T210L-21160	GENERIC	03-3102E	Supplied without clutch, see Clutch Section for product offering.					
ET210L-25224C	NEW	03-3338E	02-0805	5-3/8"	8	1 WIRE-IHC Connector	12v	1-5/8"
ET210L-25182C	NEW	03-3339E	02-0804	5-7/8"	6	1 WIRE-IHC Connector	12v	1-5/8"
ET210L-25240C	NEW	03-3034E	02-3416	5-7/8"	6	2 WIRE-METRIPAK	12v	1 5/8"
ET210L-25243C	NEW	03-3336E	02-3420	5-7/8"	6	2 WIRE-METRIPAK	12v	2"
ET210L-25076C	NEW	03-3337E	02-3426	6"	1	1 WIRE-WEATHERPAK	12v	2-3/4"
ET210L-25073C	NEW	03-3033E	02-3402	6"	2	1 WIRE-WEATHERPAK	12v	1-3/4" x 2-1/4"
ET210L-25237C	NEW	03-3333E	02-3412	6"	2	2 WIRE-METRIPAK	12v	1-3/4" x 2-1/4"
ET210L-25246C	NEW	03-3334E	02-3418	6-1/8"	8	2 WIRE-METRIPAK	12v	1-5/8"
<b>ES 210 SLIMLINE SERIE LH SUCTION (mfg. for FREIGHTLINER)</b>								
ES210L-25334	NEW	03-3200E	Supplied without clutch, see Clutch Section for product offering.					
ES210L-25336C	NEW	03-3201E	02-3416	5-7/8"	6	2 WIRE-METRIPAK	12v	1-5/8"
ES210L-25337C	NEW	03-3202E	02-3420	5-7/8"	6	2 WIRE-METRIPAK	12v	2"
ES210L-25335C	NEW	03-3203E	02-3412	6"	2	2 WIRE-METRIPAK	12v	2-1/4"
ES210L-25338C	NEW	03-3204E	02-3418	6-1/8"	8	2 WIRE-METRIPAK	12v	1-5/8"



NOTE:

All Equipment Grade T/CCI compressors are supplied with 14 ounces of a double end-capped PAG oil (effect JAN. 2008). The PAG oil tends to stay in the oil sump better than Ester oil in very low charge situations and will not migrate as much. The PAG oil will provide the compressor a longer life under abnormal conditions. (Can be installed onto existing Ester oil systems.)



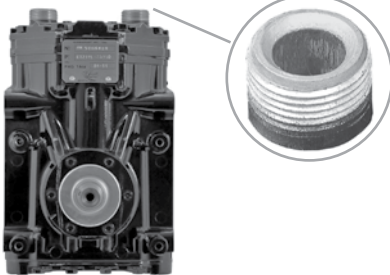
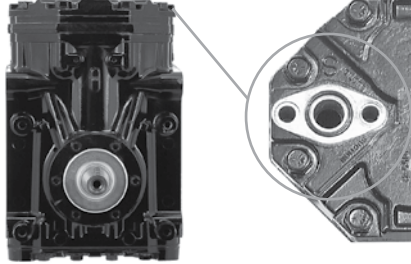
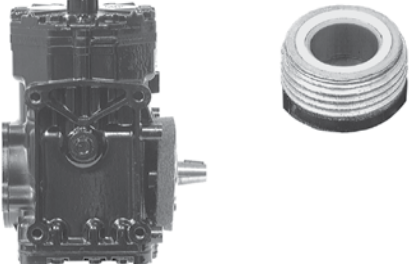
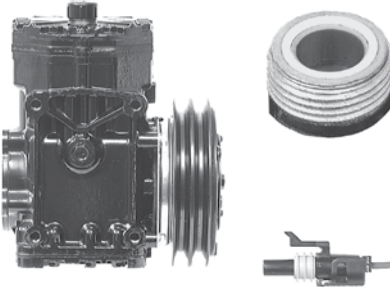
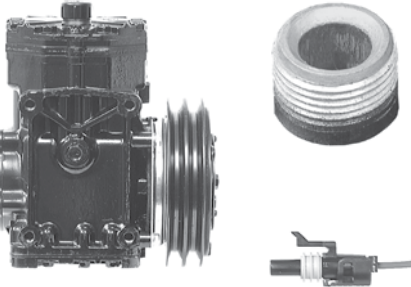
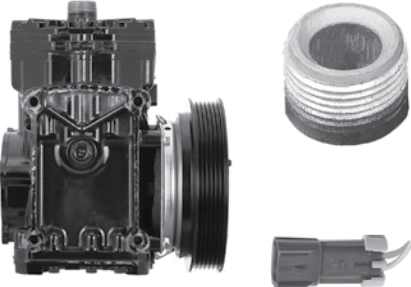
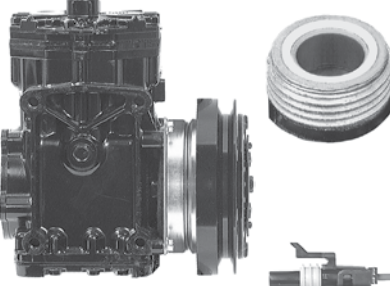
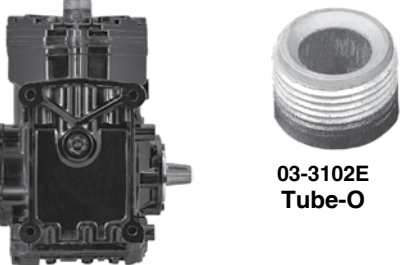
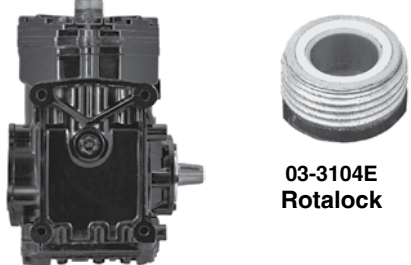
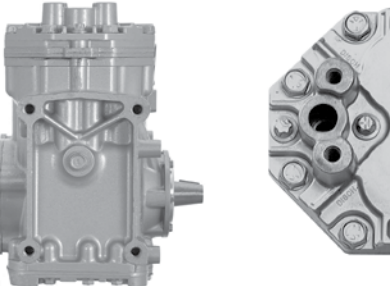
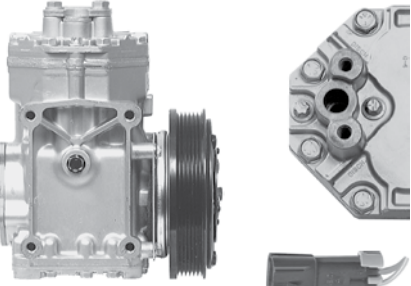
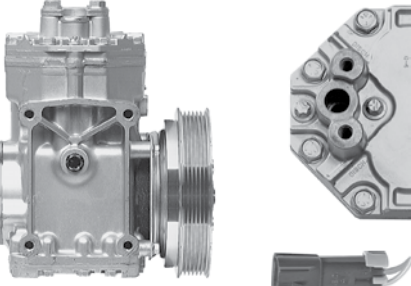
**03-8011**  
Compressor Pop-Off Valve for T/CCI/York Style, Tecumseh and FS6. Bleeds off excessive R12 pressure in excess of 400 p.s.i.

**03-8012**  
Compressor Pop-Off Valve for York/Diesel-Kiki CH Series. Bleeds off excessive refrigerant pressure in excess of 400 p.s.i. (R12 & R134a)

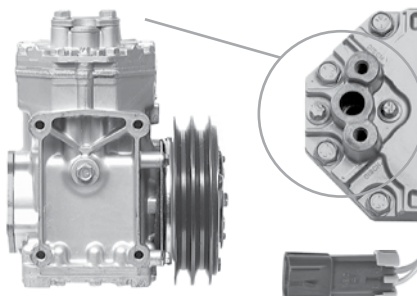
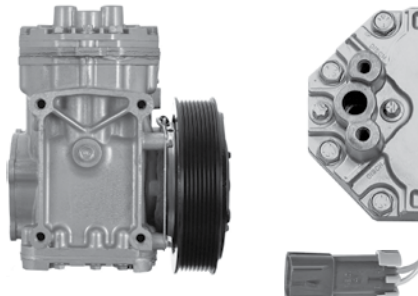
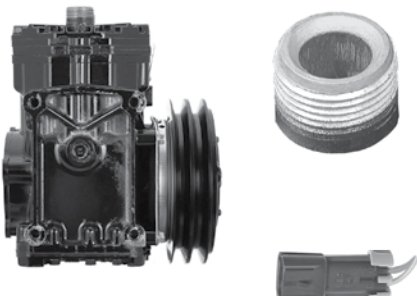
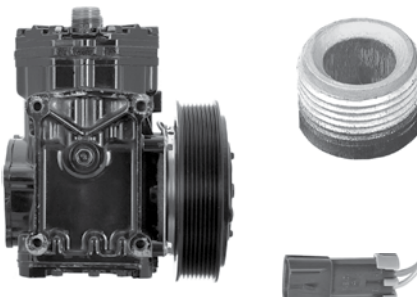
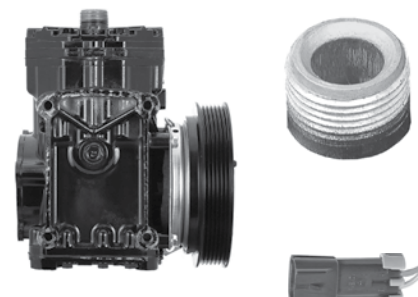
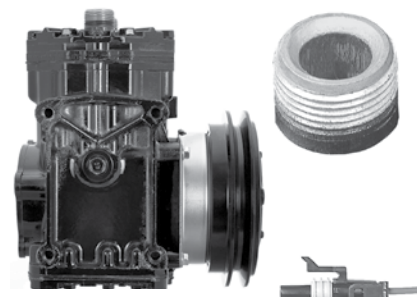
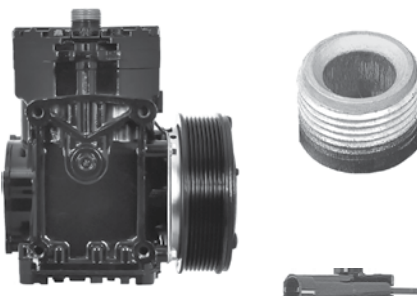
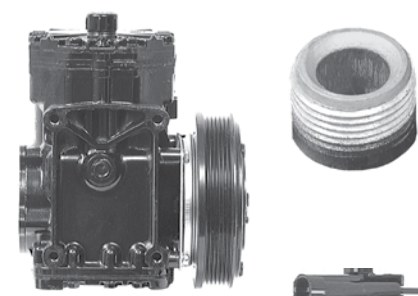
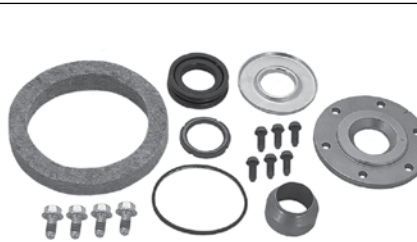



# Section V: Illustrated

# T/CCI (York Style) - Compressors

Listed in ascending order by part number.

 <p><b>03-3002E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th colspan="2">Clutch</th> </tr> </thead> <tbody> <tr> <td>ET 210L</td> <td colspan="2">none</td> </tr> <tr> <th>Volt</th> <th>Head</th> <th>T/CCI #</th> </tr> <tr> <td>N/A</td> <td>Tube-O</td> <td>25150</td> </tr> </tbody> </table>	Model	Clutch		ET 210L	none		Volt	Head	T/CCI #	N/A	Tube-O	25150	 <p><b>03-3003E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th colspan="2">Clutch</th> </tr> </thead> <tbody> <tr> <td>EF 210R</td> <td colspan="2">none</td> </tr> <tr> <th>Volt</th> <th>Head</th> <th>T/CCI #</th> </tr> <tr> <td>N/A</td> <td>Flange</td> <td>25212</td> </tr> </tbody> </table>	Model	Clutch		EF 210R	none		Volt	Head	T/CCI #	N/A	Flange	25212	 <p><b>03-3004E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th colspan="2">Clutch</th> </tr> </thead> <tbody> <tr> <td>ER 210L</td> <td colspan="2">none</td> </tr> <tr> <th>Volt</th> <th>Head</th> <th>T/CCI #</th> </tr> <tr> <td>N/A</td> <td>RotaLock</td> <td>25149</td> </tr> </tbody> </table>	Model	Clutch		ER 210L	none		Volt	Head	T/CCI #	N/A	RotaLock	25149
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Listed in ascending order by part number (continued).

 <p><b>03-3203E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Wire</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>ES 210L</td> <td>2 MP</td> <td>2 gr 6"</td> </tr> <tr> <th>Volt</th> <th>Head</th> <th>T/CCI #</th> </tr> <tr> <td>12</td> <td>SlimLine</td> <td>25335C</td> </tr> </tbody> </table>	Model	Wire	Clutch	ES 210L	2 MP	2 gr 6"	Volt	Head	T/CCI #	12	SlimLine	25335C	 <p><b>03-3204E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>ES 210L 2 MP</td> <td>8gr 6-1/8"</td> </tr> <tr> <th>Volt</th> <th>T/CCI #</th> </tr> <tr> <td>12</td> <td>25238C</td> </tr> </tbody> </table>	Model	Clutch	ES 210L 2 MP	8gr 6-1/8"	Volt	T/CCI #	12	25238C	 <p><b>03-3333E</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>ET 210L 2 MP</td> <td>2gr 6"</td> </tr> <tr> <th>Volt</th> <th>T/CCI #</th> </tr> <tr> <td>12</td> <td>25237C</td> </tr> </tbody> </table>	Model	Clutch	ET 210L 2 MP	2gr 6"	Volt	T/CCI #	12	25237C				
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 <p><b>03-5336A</b> T/CCI York Style- Deluxe Shaft Seal Kit Kit includes: Centering tool for proper plate orientation, Felt ring for improved dust protection and oil wick control and Clutch coil replacement anti-vibration "Super-Screws."</p>	 <p><b>15-3023</b> Dipstick - T/CCI York Style -oil level checker</p>	 <p><b>17-3415</b> ..... 12 oz. Johnsen's Ester Lubricant</p>	 <p><b>17-3410</b> ..... 8 oz. <b>17-3427</b> ..... 32 oz. Johnsen's PAG100 Lubricant</p>																															



Listed in ascending order by model type then clutch grooves.

Part No.	Description	Clutch Type	Dia.	Volt	Make / OEM# / Models
<b>6E171 JOHN DEERE / NIPPONDENSO</b>					
03-3160	NEW	1 Groove 5.7"	146mm	12v	John Deere - TY6626 (Ear Mount)
03-3160SR	NEW	1 Groove 5.7"	146mm	12v	Sanden Replacement
03-3176	NEW	1 Groove 5.7"	146mm	24v	John Deere - TY6744 (Ear Mount)
<b>7SBU16C / 7SBU17C / 7SEU17C</b>					
03-0700	NEW 7SBU16C	6 Groove 5.0"	127mm	12v	Freightliner/Sprinter - 2.7TD (3 hole)
03-0701	NEW 7SBU16C	6 Groove 5.0"	127mm	12v	Freightliner/Sprinter - 3.5-V6 (gas)
03-3195	NEW 7SBU17C	9 Groove 5.1"	130mm	12v	
03-3196	NEW 7SBU17C	9 Groove 5.1"	130mm	24v	Terex - Crane - 447220-8707, A000-234-37-11
03-0702	NEW 7SEU17C	6 Groove 5.0"	127mm	12v	Freightliner/Sprinter - 3.0-V6 TD (diesel)
<b>10H20C</b>					
03-3190	NEW	6 Groove	4-3/4"	12v	RIGMASTER APU (Direct Mt.)
<b>10P13C</b>					
03-3182	REMAN	1 (1/2" grv)	135mm	12v	HINO - 87/93 FA/FB (Direct Mt.) - 883101241A
03-3183	REMAN	1 (1/2" grv)	135mm	12v	HINO - 92/93 FD/FE/FF/SG (Direct Mt.) - 883101370A
03-3184	REMAN	1 (1/2" grv)	5-3/8"	12v	HINO - 94/97 FD/FE/FF/SG (Direct Mt.) - 883101580A
03-3186	REMAN	1 (1/2" grv)	5-1/4"	12v	HINO - 94/97 FA/FB (Direct Mt.) - 883101600A
03-3187	REMAN	1 (1/2" grv)	5-3/8"	12v	HINO - 98/04 FA/FB/FD/FE/FF/SG - 883101710A
<b>10P15C</b>					
03-3191	NEW	1 Groove	133mm	24v	Terex - Crane AC80/120 (Direct Mt.)
03-3193	NEW	1 Groove	134mm	24v	CAT - Excavator 318B (Direct Mt.) - 154-0490
03-3192	NEW	9 Groove	135mm	24v	John Deere - Dumptruck 350D/400D - TTDC221758
<b>10PA15 JOHN DEERE / KOMATSU</b>					
03-3173G	GENERIC Aftermarket	1 Groove 6.0" (5/8" grv)	152mm	24v	Komatsu - 447200-1741 - WA600-3L Wheel Loaders (serial number A52001-up)
03-3167	NEW	8 Groove 4.92"	125mm	12v	John Deere - AL155836, AL78779 - Tractors
<b>10PA17C JOHN DEERE</b>					
03-3161	NEW	1 Groove 5.3"	136mm	12v	John Deere - RE64024, TY6789 - 5000 Ser Tractors
03-3168	NEW	1 Groove 5.3" extended lip on pulley	136mm	12v	John Deere - RE55422 - Backhoes, Loaders, Cotton Pickers, Cable /Grapple Skidders, Sprayers
03-3168G	Aftermarket	1 Groove	136mm	12V	John Deere - RE52454
03-3164	NEW	1 Groove 5.74" flush pulley	146mm	12v	John Deere - RE46657 - Combines
03-3166	NEW	1 Groove 5.74" flush pulley	146mm	24v	John Deere - AT163728 Crawlers, Loaders, Motor Graders, Tool Carriers
03-3172G	Aftermarket	1 Groove 6.0" 1/2" belt width (1-3/4 AB Dist.)	152mm	12v	Crawlers, Loaders, Motor Graders, Tool Carriers
03-3169	NEW	8 Groove 5.3"	136mm	24v	John Deere - AT211063 - Loaders
03-3169G	Aftermarket	8 Groove 5.3"	136mm	24v	John Deere
03-3162	OE Denso	8 Groove 5.7"	145mm	24v	John Deere - AT226273 - Loaders, Tool Carriers
03-3162G	Aftermarket	8 Groove 5.7"	145mm	24v	John Deere - AT172975, TY6783, AT226273
03-3163	OE Denso	8 Groove 5.7"	145mm	12v	John Deere - RE46609 - Loaders, Crawlers, Skidders, Grapples, Skid Steers, Sprayers, Tractors
03-3163G	Aftermarket	8 Groove 5.7"	145mm	12v	John Deere - RE46609, AH169875, TY24304, TY6764
03-3170	NEW	8 Groove 5.74" 1 black wire	146mm	12v	John Deere - AN221429, RE69716 - Cable Skidders, Tractors, Cotton Pickers, Compact Track Loaders, Skid Steers, Windrowers

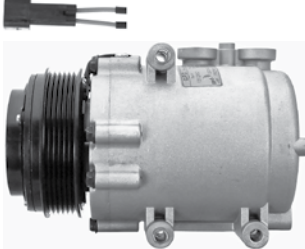
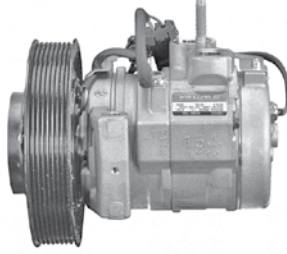
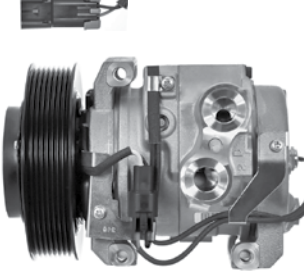
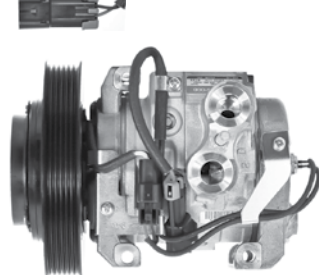
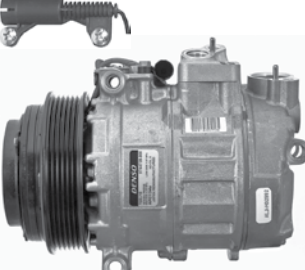
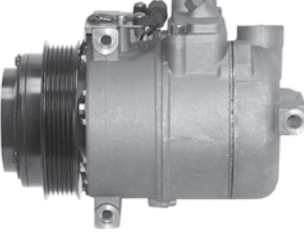
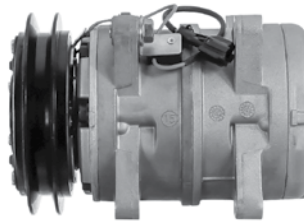
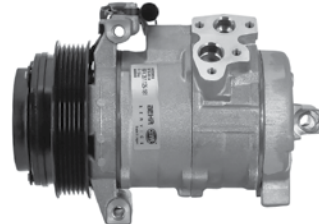
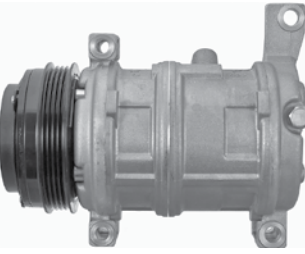
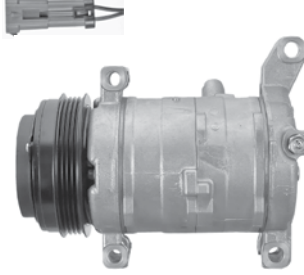
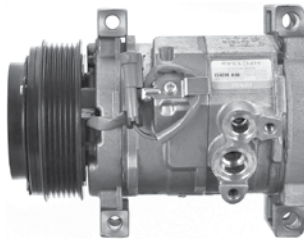
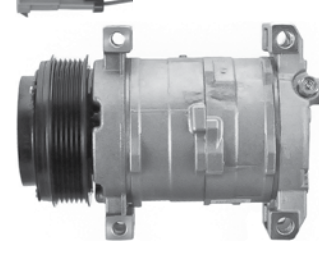
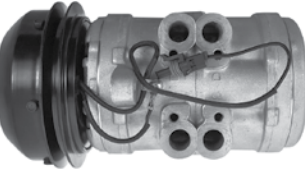
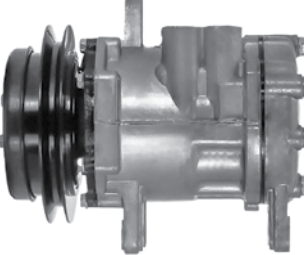
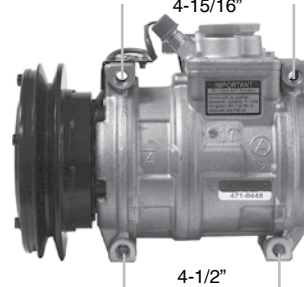
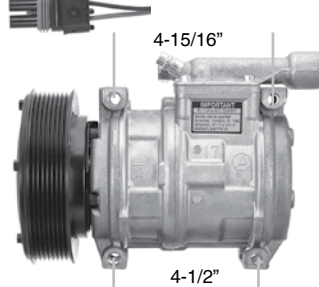
(continued)

Listed in ascending order by model type then clutch grooves (continued).

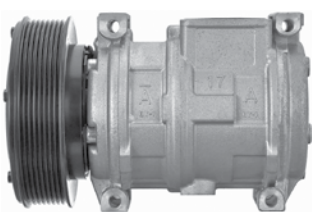
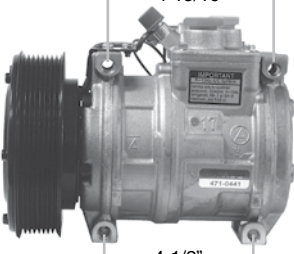
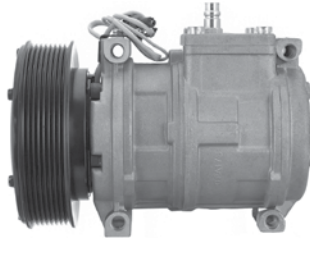
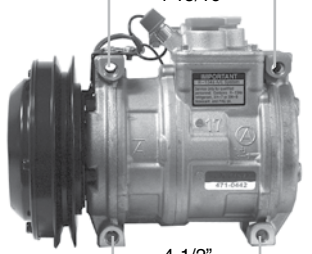
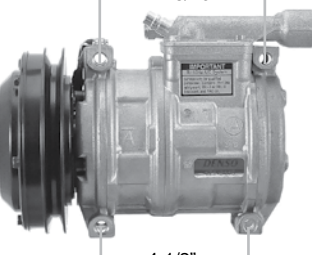
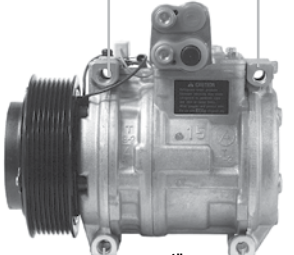
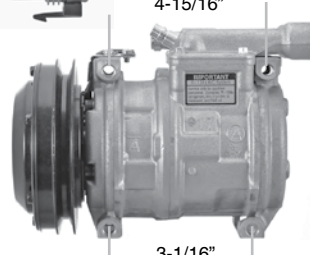
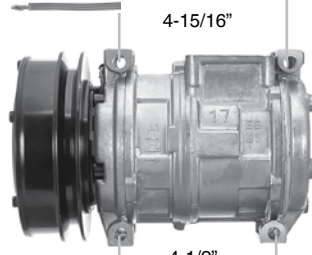
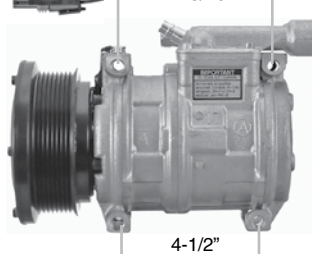

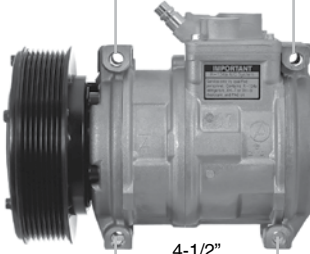
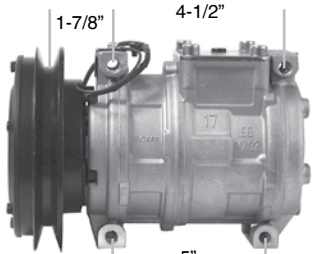
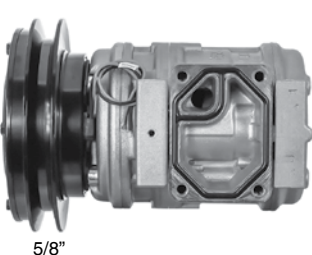

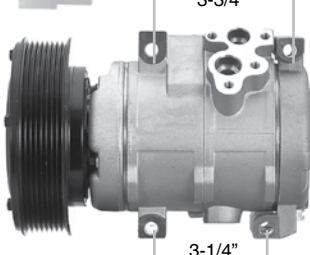
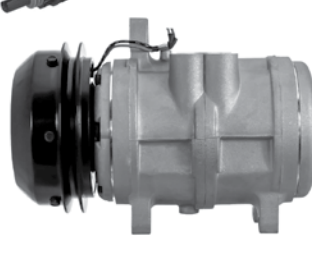
Part No.	Description	Clutch Type	Dia.	Volt	Make / OEM# / Models
<b>10PO8 KUBOTA</b>					
03-3180	NEW	1 Groove 4.8"	122mm	12v	Kubota - Ear Mnt (3), 1/2" belt width, 1.33" gauge line, 10:00 Coil
<b>10S13C</b>					
03-3188	REMAN	1 (1/2" grv)	5-3/8"	12v	HINO - 05-2011 238/258/268/338 - 883101800A
03-3189	REMAN	1 (1/2" grv)	5-1/4"	12v	HINO - 05-2010 145/165/185 - 883101810A
<b>10S15C FREIGHTLINER / KOMATSU</b>					
03-3179	NEW	1 Groove 6.0"	152mm	24v	Komatsu - Dir Mnt, 5/8: belt wdth, 2.91" gauge line, 20Y-979-66121
03-0633	NEW	6 Groove 6.44"	163.5mm	12v	Freightliner - Dir Mnt, 2 wire Metripak, 22-65772-000
03-0627, G	NEW	8 Groove 6.44"	163.5mm	12v	Freightliner - Dir Mnt, 2 wire Metripak, 22-65771-000
03-0632	NEW	8 Groove 6.44"	140.mm	12v	Freightliner - Dir Mnt, 2 wire Metripak, 22-65770-000
<b>10S17C</b>					
03-0704	NEW	6 Groove	125mm	12v	Sprinter w/Aux A/C - 68012250AA, A001-230-71-11
03-3174G	NEW	1 Groove 5.51"	140mm	24v	Caterpillar - 2 wire w/dust cover
03-3175G	NEW	8 Groove 5.43"	138mm	24v	Caterpillar - 2 wire w/dust cover
<b>10S17F / 10S20F CHEVROLET / GMC TRUCK</b>					
03-1867	NEW 10S17F	4 Groove 4.38"	111mm	12v	w/switch #11-0289 - Silverado, Sierra, Tahoe, Yukon - 89024907, 10366545
03-1873	NEW 10S17F	4 Groove 4.38"	111mm	12v	w/o switch - GMC PU 4.8 / 5.3 / 6.0 / 8.1L
03-1878	NEW 10S17F	6 Groove	114.5mm	12v	Chev - Direct Mount, 6.6L-V8 - 19130456
03-1876	NEW 10S20F	6 Groove 4.38"	111mm	12v	GMC PU Suburban/SUV - 6.6L Diesel
<b>DKS15D</b>					
03-0703	NEW	1 Groove	140mm	12v	5/8" belt (Ear Mount) 8-97386-349-0
<b>SCSA06C KUBOTA</b>					
03-3181	NEW	1 Groove 4.8"	122mm	12v	Kubota - 2.99 gauge line (Direct Mount)
<b>PISTON Type SCROLL</b>					
03-0442P	NEW	6 Groove	106mm	12v	Piston Type can be used to replace Scroll Type

<p><b>03-5807A</b> DENSO 10PA15C, 10PA17C, 10PA20C SHAFT SEAL KIT Kit Includes: Felt Wiper, Lip Seal O-Ring (pre-installed), Lip Seal Neoprene, Retainer Ring, thru bolt washers (5)</p>	<p><b>08-3376</b> 6E171 (J.DEERE) #10 Suction Manifold, R12 port , 7/16" thread</p>	<p><b>08-3377</b> 6E171 (J.DEERE) #8 Discharge Manifold M12-1.00 thread , HPRV</p>
	<p><b>08-3375</b> 10PA17C Top - Discharge and Suction (w/oil bypass) #8, #10 MIO ftgs.</p>	
<p><b>PRV's - refer to page 327.</b></p>		

Listed in ascending order by part number.

 <p>Piston type can be used to replace Scroll type.</p> <p><b>03-0442P</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>Piston type</td> <td>3 bolt</td> <td>6gr 106mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td colspan="2">12 (Scroll E-150/450)</td> <td>n/a</td> </tr> </tbody> </table>	Model	Mount	Clutch	Piston type	3 bolt	6gr 106mm	Volt		O.E.M.#	12 (Scroll E-150/450)		n/a	 <p><b>03-0627</b> (O.E.M.) <b>03-0627G</b> (Aftermarket)</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10S15C</td> <td>Direct</td> <td>8gr 163.5mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td colspan="2">12</td> <td>22-65771-000</td> </tr> </tbody> </table>	Model	Mount	Clutch	10S15C	Direct	8gr 163.5mm	Volt		O.E.M.#	12		22-65771-000	 <p><b>03-0632</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10S15C</td> <td>Direct</td> <td>8gr 140mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td colspan="2">12</td> <td>22-65770-000</td> </tr> </tbody> </table>	Model	Mount	Clutch	10S15C	Direct	8gr 140mm	Volt		O.E.M.#	12		22-65770-000	 <p><b>03-0633</b> <span style="float: right;">R134a</span></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10S15C</td> <td>Direct</td> <td>6gr 163.5mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td colspan="2">12</td> <td>22-65772-000</td> </tr> </tbody> </table>	Model	Mount	Clutch	10S15C	Direct	6gr 163.5mm	Volt		O.E.M.#	12		22-65772-000
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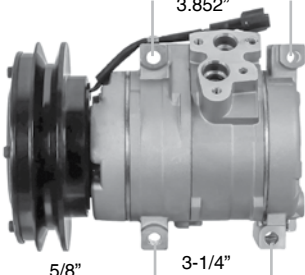
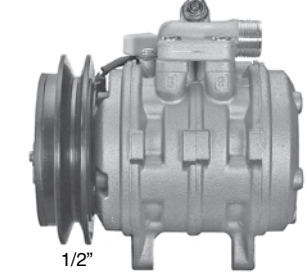
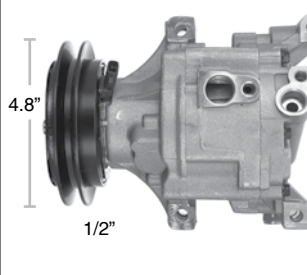
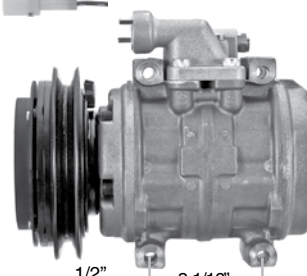
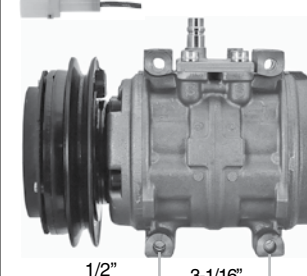
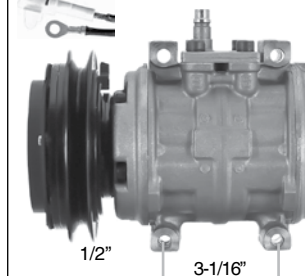
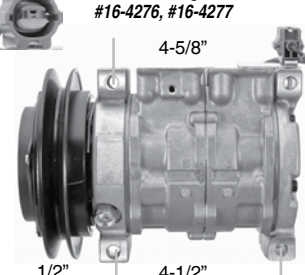
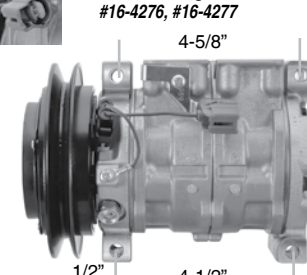
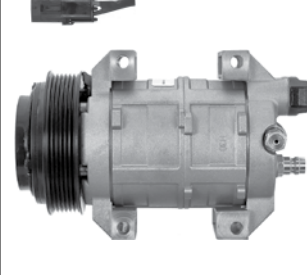
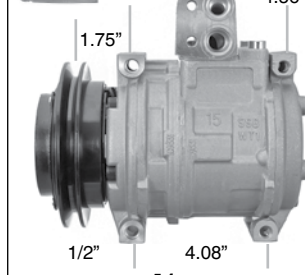
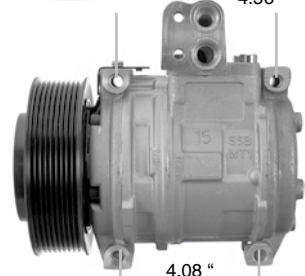
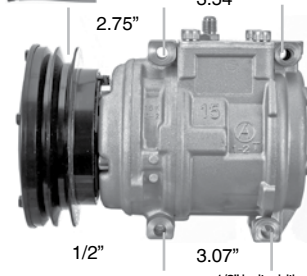


Listed in ascending order by part number (continued).

<p><b>Generic</b></p>  <p>aftermarket for #03-3162</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10PA17C</td> <td>Direct</td> <td>8gr 145mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>24</td> <td colspan="2">MD 1-7/16" AT226273</td> </tr> </tbody> </table>	Model	Mount	Clutch	10PA17C	Direct	8gr 145mm	Volt	O.E.M.#		24	MD 1-7/16" AT226273		<p>4-15/16"</p>  <p>4-1/2"</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10PA17C</td> <td>Direct</td> <td>8gr 145mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>12</td> <td colspan="2">MD 1-7/16" RE46609</td> </tr> </tbody> </table>	Model	Mount	Clutch	10PA17C	Direct	8gr 145mm	Volt	O.E.M.#		12	MD 1-7/16" RE46609		 <p>aftermarket for #03-3163</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10PA17C</td> <td>Direct</td> <td>8gr 145mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>12</td> <td colspan="2">MD 1-7/16" RE46609</td> </tr> </tbody> </table>	Model	Mount	Clutch	10PA17C	Direct	8gr 145mm	Volt	O.E.M.#		12	MD 1-7/16" RE46609		<p>4-15/16"</p>  <p>4-1/2"</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10PA17C</td> <td>Direct</td> <td>1gr 146mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>12</td> <td colspan="2">MD 1-5/8" RE46657</td> </tr> </tbody> </table>	Model	Mount	Clutch	10PA17C	Direct	1gr 146mm	Volt	O.E.M.#		12	MD 1-5/8" RE46657	
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<p><b>Generic</b></p>  <p>5/8"</p> <p>Komatsu WA600-3L (serial# A52001-up)</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10PA15C</td> <td>Direct</td> <td>1gr 152mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>24</td> <td colspan="2">MD 2-11/16" 447200-1741</td> </tr> </tbody> </table>	Model	Mount	Clutch	10PA15C	Direct	1gr 152mm	Volt	O.E.M.#		24	MD 2-11/16" 447200-1741		<p>3-3/4"</p>  <p>3-1/4"</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10S17C</td> <td>Direct</td> <td>1gr 140mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>24</td> <td colspan="2">MD 2.7" 231-6984</td> </tr> </tbody> </table>	Model	Mount	Clutch	10S17C	Direct	1gr 140mm	Volt	O.E.M.#		24	MD 2.7" 231-6984		<p>3-3/4"</p>  <p>3-1/4"</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>10S17C</td> <td>Direct</td> <td>8gr 138mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>24</td> <td colspan="2">MD 2.45" 179-5544</td> </tr> </tbody> </table>	Model	Mount	Clutch	10S17C	Direct	8gr 138mm	Volt	O.E.M.#		24	MD 2.45" 179-5544		 <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>6E171</td> <td>Ear</td> <td>1gr 146mm</td> </tr> <tr> <th>Volt</th> <th colspan="2">O.E.M.#</th> </tr> <tr> <td>24</td> <td colspan="2">TY6744</td> </tr> </tbody> </table>	Model	Mount	Clutch	6E171	Ear	1gr 146mm	Volt	O.E.M.#		24	TY6744	
Model	Mount	Clutch																																																	
10PA15C	Direct	1gr 152mm																																																	
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# Section V: Illustrated

# DENSO - Compressors

Listed in ascending order by part number (continued).

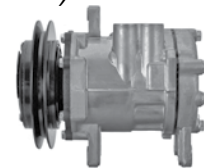
 <p>3.852" 5/8" 3-1/4" 5/8" belt width 2.91" gauge line</p> <p><b>03-3179</b> REMAN HINO 6 oz PAG46 <b>Model Mount Clutch</b> 10S15C Direct 1gr 152mm <b>Volt O.E.M.#</b> 24 KOMATSU 20Y-979-66121</p>	 <p>1/2" 4.5 oz PAG46 1/2" belt width 1.33" gauge line</p> <p><b>03-3180</b> REMAN HINO 3 Ear <b>Model Mount Clutch</b> 10PO8 Direct 1gr 122mm <b>Volt O.E.M.#</b> 12 (use OE manifold) 10:00</p>	 <p>4.8" 1/2" 2.5 oz PAG46 1/2" belt width 2.99" gauge line</p> <p><b>03-3181</b> REMAN HINO SCSAO6C <b>Model Mount Clutch</b> Direct 1gr 122mm <b>Volt O.E.M.#</b> 12 KUBOTA</p>	<p>Photo Not Available</p> <p>1/2" belt width</p> <p><b>03-3182</b> REMAN HINO <b>Model Mount Clutch</b> 10P13C Direct 1gr 135mm <b>Volt O.E.M.#</b> 12 883101241A</p>
<p>Photo Not Available</p> <p>1/2" belt width</p> <p><b>03-3183</b> REMAN HINO <b>Model Mount Clutch</b> 10P13C Direct 1gr 135mm <b>Volt O.E.M.#</b> 12 883101370A</p>	 <p>1/2" 3-1/16" 1/2" belt width</p> <p><b>03-3184</b> REMAN HINO <b>Model Mount Clutch</b> 10P13C Direct 1gr 5-3/8" <b>Volt O.E.M.#</b> 12 883101580A</p>	 <p>1/2" 3-1/16" 1/2" belt width</p> <p><b>03-3186</b> REMAN HINO <b>Model Mount Clutch</b> 10P13C Direct 1gr 5-1/4" <b>Volt O.E.M.#</b> 12 883101600A</p>	 <p>1/2" 3-1/16" 1/2" belt width</p> <p><b>03-3187</b> REMAN HINO <b>Model Mount Clutch</b> 10P13C Direct 1gr 5-3/8" <b>Volt O.E.M.#</b> 12 883101710A</p>
 <p>uses o'rings #16-4276, #16-4277 4-5/8" 1/2" 4-1/2" 1/2" belt width</p> <p><b>03-3188</b> REMAN HINO <b>Model Mount Clutch</b> 10S13C Direct 1gr 5-3/8" <b>Volt O.E.M.#</b> 12 883101800A</p>	 <p>uses o'rings #16-4276, #16-4277 4-5/8" 1/2" 4-1/2" 1/2" belt width</p> <p><b>03-3189</b> REMAN HINO <b>Model Mount Clutch</b> 10S13C Direct 1gr 5-1/4" <b>Volt O.E.M.#</b> 12 883101810A</p>	 <p>1/2" 4.08" 1/2" belt width</p> <p><b>03-3190</b> REMAN HINO <b>Model Mount Clutch</b> 10H20C Direct 6gr 4-3/4" <b>Volt O.E.M.#</b> 12 Rigmaster</p>	 <p>4.56" 1.75" 1/2" 4.08" 5.4 oz PAG46 1/2" belt width 1.75" gauge line</p> <p><b>03-3191</b> REMAN HINO <b>Model Mount Clutch</b> 10PA15C Direct 1gr 133mm <b>Volt O.E.M.#</b> 24 (use OE manifold) Terex</p>
 <p>4.56" 4.08" 1/2" belt width</p> <p><b>03-3192</b> REMAN HINO <b>Model Mount Clutch</b> 10PA15C Direct 9gr 135mm <b>Volt O.E.M.#</b> 24 J.Deere TTDC221758</p>	 <p>2.75" 3.54" 1/2" 3.07" 1/2" belt width 2.75" gauge line</p> <p><b>03-3193</b> REMAN HINO <b>Model Mount Clutch</b> 10PA15C Direct 1gr 134mm <b>Volt O.E.M.#</b> 24 CAT 154-0490</p>	 <p>1/2" belt width</p> <p><b>03-3195</b> REMAN HINO <b>Model Mount Clutch</b> 7SBU17C Direct 9gr 130mm <b>Volt O.E.M.#</b> 12v Cranes Terex</p>	 <p>1/2" belt width</p> <p><b>03-3196</b> REMAN HINO <b>Model Mount Clutch</b> 7SBU17C Direct 9gr 130mm <b>Volt O.E.M.#</b> 24v Terex 447220-8707</p>

(See pages 254 for illustrations)

**FORD 6 CYL. FS6/FS6E171 AXIAL TYPE COMPRESSORS (10.4 cu. in.)**

(MAY ALSO BE REFERRED TO AS NIPPONDENSO TYPE, SEE DENSO FOR JOHN DEERE)

SUPPLIED WITH MINERAL OIL, HOWEVER,  
SOME NEW MODELS (03-) MAY BE SUPPLIED WITHOUT OIL.  
(Check compressor for instructions on adding proper amount of oil.)



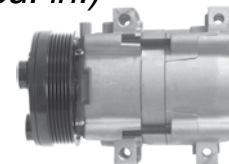
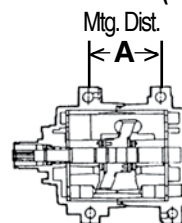
**FS6 & FS6E171 COMPRESSORS WITH CLUTCH**

Part No.	Description		Type of Mount
03-3018	NEW FS6	w/1 groove (02-0422) Clutch (will replace 2 gr. O.E. clutch if single belt is used on outside gr.)	Standard Ear Mount
03-3021	NEW FS6	w/1 groove (02-0427) Clutch (will replace 2 gr. O.E. clutch if single belt is used on inside gr.)	Standard Ear Mount
03-3053	NEW FS6	w/6 groove (02-0416) Clutch	Tangential Mount
03-3160	NEW FS6E171	w/1 groove Clutch (John Deere 047100-8530)	Standard Ear Mount
03-3160SR	NEW FS6E171	w/1 groove Clutch (Sanden Replacement)	Standard Ear Mount

**FORD 5 CYL. FX15 (FS10) TYPE AXIAL COMPRESSORS (10.4 cu. in.)**

SUPPLIED WITHOUT OIL!

(Check compressor for instructions on adding proper amount of oil.)



(Rear port illustration)

**FS10 COMPRESSORS WITHOUT CLUTCH**

Part #	Description	Mount	Port Loc.	Lug Mounting Holes	Mtg. Dist. (A)
03-3081	NEW FS10 without Clutch - 21 Spline Shaft	Tangential	Rear	two(2) 11mm front & two (2) 9mm rear	3-1/2"

**FS10 & FS20 COMPRESSORS WITH CLUTCH**

Part #	Description	Mount	Port Loc.	Lug Holes	Mtg. Dist.
03-0402	NEW FS10 w/127mm (5") O.D. 6 groove (02-0420) Clutch (12:00 coil location*)	Tangential	Rear	11mm x 9mm	3-1/2"
03-0401	NEW FS10 w/146mm (5.75") O.D. 6 groove (02-0421) Clutch (12:00 coil location*)	Tangential	Rear	11mm x 9mm	3-1/2"
03-0439	NEW FS10 w/114.3mm (4.5") O.D. 8 groove Clutch (3:00 coil location*)	Tangential	Rear	11mm x 9mm	3-1/2"
03-0417	NEW FS10 w/114.3mm (4.5") O.D. 8 groove Clutch (12:00 coil location*) 3 bolt	Tangential	Top	11mm x 9mm	3-1/2"
03-0419	NEW FS10 w/114.3mm (4.5") O.D. 8 groove Clutch (12:00 coil location*) 3 bolt	Tangential	Top	11mm x 9mm	3-1/2"
03-0416	NEW FS10 w/129.5mm (5.1") O.D. 8 groove Clutch (3:00 coil location*)	Tangential	Rear	11mm x 9mm	3-1/2"
03-0426	NEW FS10 w/129.5mm (5.1") O.D. 8 groove Clutch (12:00 coil location*)	Tangential	Rear	11mm x 9mm	3-1/2"
03-0446	NEW FS10 w/130mm (5.1") O.D. 8 groove Clutch 3 bolt	Tangential	Rear	11mm x 9mm	3-1/2"
03-0451	NEW FS10 w/117mm, 8 groove Clutch (6.0L-Diesel)				
* Coil location determined by facing front of clutch. May be able to substitute compressor with different coil locations.					
03-0449	NEW FS20 08-09 Ford 6.8-V10, 6.4DSL, 2007 V10; 6 grv., 12v oe# 9L3Z-19703C	Tangential	Top	n/a	2-3/4"
03-0452	NEW FS20 w/117mm, 6 grv., V8-391, 6.4L Diesel, oe# AU2Z-19V703AH				
03-0455	NEW FS20 w/119mm, 8 grv., V8-391, 6.7L Diesel, oe# BC3Z-19703A; BC34-19D629AD				

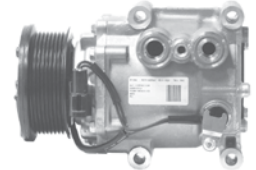
(See pages 254 for illustrations)

**FS18** CROSS BOLT COMPRESSOR WITH CLUTCH (12v)

<b>Part No.</b>	<b>Type</b>	<b>Description</b>	<b>Clutch Used</b>	<b>O.E.M.</b>
03-0450	NEW	with clutch	6 Grv. 117mm, 4.6/5.4/6.8L eng., Tangential Mount , 2 wire, Top Pad	E-Series 7C2Z-19703A (Replaces Scroll Type)

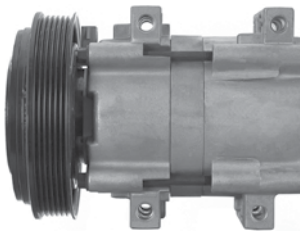
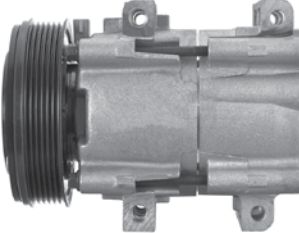
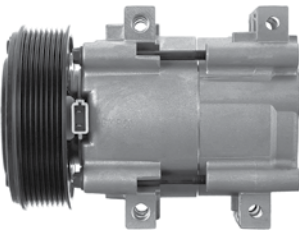
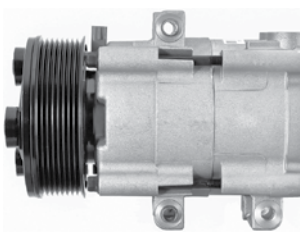
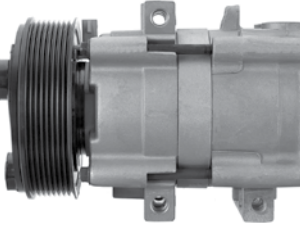
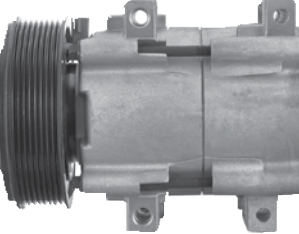
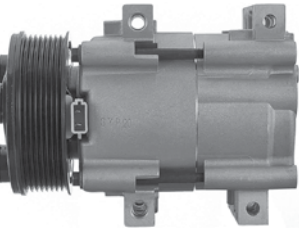
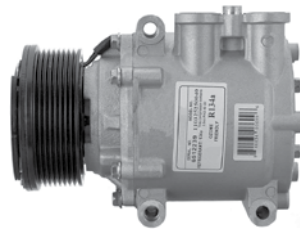
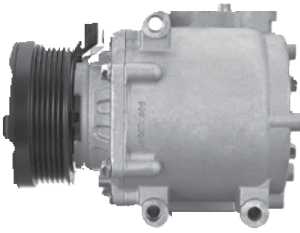
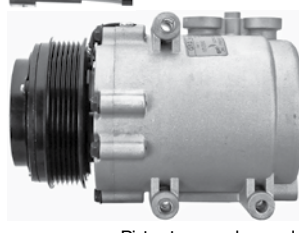
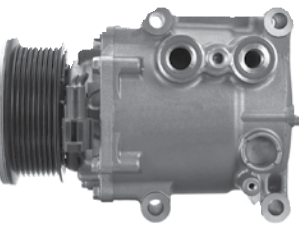

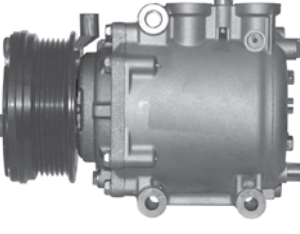
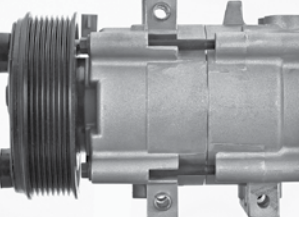
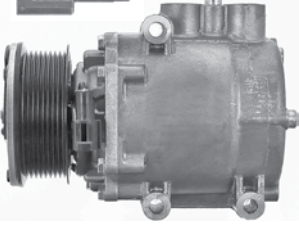
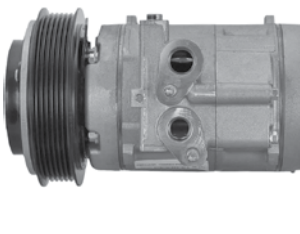
**FORD SCROLL TYPE (12v)  
FOR LATE MODEL E-SERIES VANS & STERLING TRUCKS**

(Check compressor for instructions on adding proper amount of oil.)



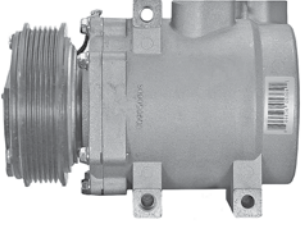
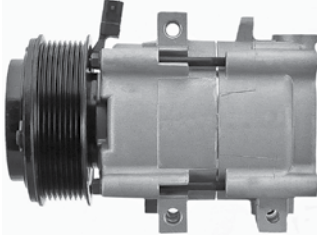

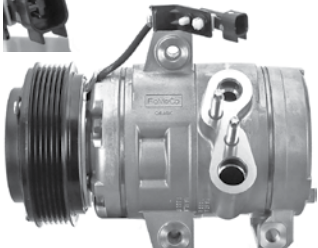

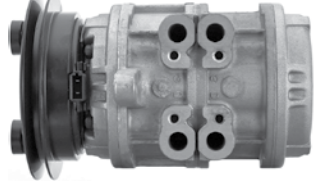
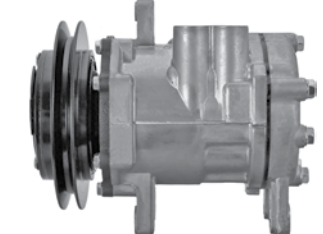
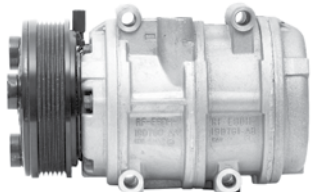
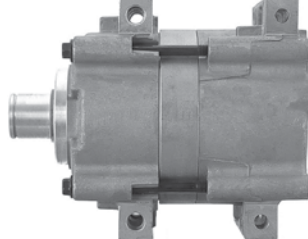
<b>Part No.</b>	<b>Type</b>	<b>Description</b>	<b>Clutch Used</b>	<b>O.E.M.</b>
03-0440	NEW	w/ clutch	8 Grv.	1L2H-194897DC
03-0442	NEW	w/ clutch	6 Grv. 106mm	2C2Z-19V703BA
03-0443	NEW	w/ clutch	8 Grv. w/Temp. Press. Switch	YC4H-19D629CB
03-0444	NEW	w/ clutch	8 Grv.	4C2Z-19V703AC
03-0445	NEW	w/ clutch	6 Grv. 107.9mm, E450w/6.8L	2C2Z-19V703BB
03-0447	NEW	w/ clutch	8 Grv. 107mm	YC4H-19D629DA

Listed in ascending order by part number.

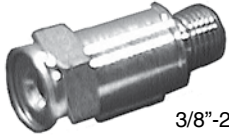
 <p><b>03-0401</b> 90-95 F-Series  <b>Model Mount Clutch</b>                      FS-10/FX-15 Direct 6gr 146mm  <b>Volt O.E.M.#</b>                      12 F77H-19D629AA</p>	 <p><b>03-0402</b>  <b>Model Mount Clutch</b>                      FS-10 Direct 6gr 127mm  <b>Volt O.E.M.#</b>                      12 F3SZ-19703A</p>	 <p><b>03-0416</b>  <b>Model Mount Clutch</b>                      FS-10 Direct 8gr 131.7mm  <b>Volt O.E.M.#</b>                      12 F77Z-19V703V</p>	 <p><b>03-0417</b>  <b>Model Mount Clutch</b>                      FS-10 3 Lug 8gr 114.3mm  <b>Volt O.E.M.#</b>                      12 F7UH-19D629BA</p>
 <p><b>03-0419</b>  <b>Model Mount Clutch</b>                      FS-10 3 Lug 8gr 114.3mm  <b>Volt O.E.M.#</b>                      12 F7LZ-19V703AA</p>	 <p><b>03-0426</b>  <b>Model Mount Clutch</b>                      FS-10/FX-15 Direct 8gr 127mm  <b>Volt O.E.M.#</b>                      12 F77Z-19V703A</p>	 <p><b>03-0439</b>  <b>Model Mount Clutch</b>                      FS-10/FX-15 Direct 8gr 114.3mm  <b>Volt O.E.M.#</b>                      12 F81Z-19V703AA</p>	 <p><b>03-0440</b>  <b>Model Mount Clutch</b>                      Scroll Direct 8gr  <b>Volt O.E.M.#</b>                      12 1L2H-194897DC</p>
 <p><b>03-0442</b>..... w/ clutch  <b>03-0442NC</b>..... w/o clutch  <b>Model Clutch</b>                      Scroll E-150/450 6gr 106mm  <b>Volt O.E.M.#</b>                      12 2C2Z-19V703BA</p>	 <p>Piston type can be used to replace Scroll type.  <b>03-0442P</b>  <b>Model Mount Clutch</b>                      Piston type 3 hole 6gr 106mm  <b>Volt O.E.M.#</b>                      12 (Scroll E-150/450) n/a</p>	 <p><b>03-0443</b>  <b>Model Clutch</b>                      Scroll w/T.P.S. switch 8gr  <b>Volt O.E.M.#</b>                      12 YC4H-19D629CB</p>	 <p><b>03-0444</b>  <b>Model Mount Clutch</b>                      Scroll Direct 8gr  <b>Volt O.E.M.#</b>                      12 4C2Z-19V703AC</p>
 <p><b>03-0445</b>  <b>Model Mount Clutch</b>                      Scroll; E450 w/6.8L 6gr 107.9mm  <b>Volt O.E.M.#</b>                      12 2C2Z-19V703BB</p>	 <p><b>03-0446</b>  <b>Model Mount Clutch</b>                      FS-10 3 Lug 8gr 130mm  <b>Volt O.E.M.#</b>                      12 4C3Z-19V703AA</p>	 <p><b>03-0447 NLA</b>                      (R/B Sanden 03-0447K)  <b>Model Mount Clutch</b>                      Scroll Direct 8gr 107mm  <b>Volt O.E.M.#</b>                      12 3 hole YC4H-19D629DA</p>	 <p><b>03-0449</b>  <b>Model Mount Clutch</b>                      FS-20 Direct 6gr 130mm  <b>Volt O.E.M.#</b>                      12 3 hole 9L3Z-19703C</p>




Listed in ascending order by part number (continued).

<p>Ford E-Series</p>  <p><b>03-0450</b> Gas Engine  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-18</td> <td>Direct</td> <td>6gr 117mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td>Top Pad</td> <td>7C2Z-19703A</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-18	Direct	6gr 117mm	Volt		O.E.M.#	12	Top Pad	7C2Z-19703A	 <p><b>03-0451</b> 6.0L DSL  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-10</td> <td>3 Lug</td> <td>8gr 117mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>N/A</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-10	3 Lug	8gr 117mm	Volt		O.E.M.#	12		N/A	<p>Ford Transit</p>  <p><b>03-0452</b> 6.4L DSL V8-392  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-20</td> <td>Direct</td> <td>6gr 117mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>AU2Z-19V703AH</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-20	Direct	6gr 117mm	Volt		O.E.M.#	12		AU2Z-19V703AH	<p>Ford Transit</p>  <p><b>03-0453</b>  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>DKS17BS</td> <td>3 Bolt</td> <td>6gr</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>8S4Z-19703BA</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	DKS17BS	3 Bolt	6gr	Volt		O.E.M.#	12		8S4Z-19703BA
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 <p><b>03-0455</b> 6.7L DSL  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-20</td> <td></td> <td>7gr 119mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>BC3Z-19703A</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-20		7gr 119mm	Volt		O.E.M.#	12		BC3Z-19703A	<p>NOTE: replaces 2 groove using front belt only.</p>  <p><b>03-3018</b>  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-6</td> <td>Ear</td> <td>1gr 147.6mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>ABPN83-304177</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-6	Ear	1gr 147.6mm	Volt		O.E.M.#	12		ABPN83-304177	<p>NOTE: replaces 2 groove using rear belt only.</p>  <p><b>03-3021</b>  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-6</td> <td>Ear</td> <td>1gr 147.6mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>ABPN83-304167</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-6	Ear	1gr 147.6mm	Volt		O.E.M.#	12		ABPN83-304167	 <p><b>03-3053</b>  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-6</td> <td>Direct</td> <td>6gr 123.8mm</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>E8DZ-19V703N</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-6	Direct	6gr 123.8mm	Volt		O.E.M.#	12		E8DZ-19V703N
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 <p><b>03-3081</b>  <table border="1"> <thead> <tr> <th>Model</th> <th>Mount</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>FS-10/FX-15</td> <td>Direct</td> <td>N/A</td> </tr> <tr> <th colspan="2">Volt</th> <th>O.E.M.#</th> </tr> <tr> <td>12</td> <td></td> <td>F77Z-19703AB</td> </tr> </tbody> </table> </p>	Model	Mount	Clutch	FS-10/FX-15	Direct	N/A	Volt		O.E.M.#	12		F77Z-19703AB																																							
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**Ford Compressors - Pressure Relief Valves**  
*(Also see Pressure Relief Valve Section)*



**03-8011**  
Compressor Pop-Off Valve for FS6. Bleeds off excessive R12 pressure in excess of 400 p.s.i.



**03-8014**  
Universal (R12 & R134a)

(See pages 259 for illustrations)

**A6** 12.6 cu. in. COMPRESSORS WITH CLUTCH (supplied without oil)  
 (ALL A6 COMPRESSORS SHOWN ARE FOR CW ROTATION ONLY UNLESS NOTED)



**S6 - GM A6 Replacement** (supplied with 220cc PAG46 Oil)  
 54% Lighter, 10 Pistons, Teflon Coated, Dust Cover and Seal

Part No.	New	Remfd.	Oil	Head Type	Grv.	Clutch Type	Volt	Coil Position <sup>1</sup>	Thread Type <sup>2</sup>
03-1810A	A6		PAG	Type A	1	4-7/8" O.D.	12 volt	2:00 (RH)	
03-1810Q	S6		PAG46	Type A	1	5" O.D.	12 volt		
30-1810		A6	MIN	Type A	1	4-7/8" O.D.	12 volt	2:00 (RH)	Standard
03-1811A	A6		PAG	Type A	1	5-1/2" O.D. w/dust seal & dust cover	12 volt	10:00 (LH) <sup>4</sup>	Metric
03-1811Q	S6		PAG46	Type A	1	5-1/2" O.D.	12 volt	10:00 (LH) <sup>4</sup>	Metric
03-1812	A6		PAG	Type B	1	5" Single Groove	12 volt	2:00 (RH)	Metric
03-1812Q	S6		PAG46	Type B	1	5" Single Groove	12 volt		
30-1812		A6	MIN	Type B	1	4-7/8" O.D.	12 volt	2:00 (RH)	Standard
03-1813A	A6		PAG	Type A	1	6-7/8" O.D. w/dust seal & dust cover	24 volt	2:00 (RH)	Metric
03-1813Q	S6		PAG46	Type A	1	6-7/8" O.D.	24 volt	2:00 (RH)	Metric
30-1813 <sup>3</sup>		A6	MIN	Type A	1	6-7/8" O.D. w/dust seal & dust cover	24 volt	10:00 (LH)	Standard
03-1814	A6		PAG	Type C	6	5-1/2" O.D.	12 volt	10:00 (LH)	Metric
03-1814Q	S6		PAG46	Type A	6	5-1/2" O.D.	12 volt		
03-1818	A6		PAG	Type A	1	5.6" O.D. w/dust cover	24 volt	2:00 (RH)	Metric
03-1821	A6		PAG	Type C	1	5" O.D.	12 volt	10:00 (LH)	Metric
30-1822		A6	MIN	Type A	1	5-1/2" O.D. w/dust seal & dust cover	12 volt	10:00 (LH) <sup>4</sup>	Standard
03-1826	A6		MIN	Type B	1	5" O.D.	24 volt	10:00 (LH)	Standard
03-1826Q	S6		PAG46	Type B	1	5" O.D.	24 volt		
03-1862	A6		PAG	Type C	2	5" O.D. , 3/8" Belt	24 volt	2:00 (RH)	Metric
03-1862Q	A6		PAG46	Type A	2	5.12" O.D.	24 volt		
03-1865	A6		PAG	Type B	8	5" O.D.	12 volt	2:00 (RH)	Metric
03-1865Q	S6		PAG46	Type B	8	4.81" O.D.	12 volt		
03-1866 <sup>5</sup>	A6		PAG	Type C	6	6" O.D., CCW	12 volt	2:00 (RH)	Metric

1) Coil position determined by position of coil terminals with the compressor oil sump on bottom. Determination made facing the clutch. (RH = Right Hand, LH = Left Hand.)

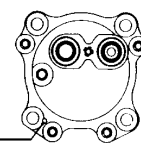
2) When converting O.E. standard thread compressors to metric type replacement compressors, use of metric bolts is required. When converting O.E. metric thread compressors to standard type replacement compressors, use of standard thread bolts is required.

3) Do **not** use to replace counterclockwise rotation compressors. See illustration to the right for counterclockwise rotation compressor identification.

4) Use coil extension 02-3145 for 2:00 applications.

5) This is a **counter-clockwise** rotation compressor. Do **not** use to replace clockwise (standard) compressors.

.187 Drilled Identifier Hole for Counterclockwise Rotation



NOTE: A & B TYPES **NOT** INTERCHANGEABLE. ALL **REMANUFACTURED** (AND SOME NEW) COMPRESSORS SUPPLIED **WITHOUT** SWITCH (Available Separately).

<b>A</b> HOLE IN CENTER OF SWITCH CAVITY  SUPERHEAT SWITCH TYPE (USED IN CONJUNCTION WITH THERMAL LIMITER FUSE)	<b>B</b> HOLE OFFSET IN SWITCH CAVITY  PRESSURE SWITCH TYPE	<b>C</b> NO SWITCH CAVITY  PLAIN HEAD TYPE
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**For Additional O-ring and Sealing Washer Information see Service Items Section.**

(See pages 259 for illustrations)

**HR6HE** 10.0 cu. in. COMPRESSORS WITH CLUTCH *(supplied with sealing washers and without oil)*

Part No. (New)	Description	Clutch Type	Mount	Coil Position	Switch Type
03-1828	HR6HE	4.93" O.D./125mm, Single Groove	Ear (2)	2:00	none
03-1838	HR6HE	4.93" O.D./125mm, Single Groove	Ear (3)	2:00	plug
03-1850	HR6HE	4.21" O.D./106.9mm, 6 Groove, w/dust cover	Ear (3)	12:00 spade	plug (2)
03-1856	HR6HE	4.33" O.D./109.9mm, 6 Groove	Ear (3)	5:00 7mm pin	plug

**HD6** 10.0 cu. in. COMPRESSORS WITH CLUTCH *(supplied with sealing washers and without oil)*

Part No. (New)	Description	Clutch Type	Mount	Coil Position	Switch Type
03-1851	HD6	4.33" O.D./109.9mm, 6 Groove, w/o dust cover	Ear (3)	12:00 spade	plug for #11-0247

**HT6** 10.0 cu. in. COMPRESSORS WITH CLUTCH *(supplied with sealing washers and without oil)*



Part No. (New)	Description	Clutch Type	Mount	Coil Position	Switch Type
03-1852	HT6	4.33" O.D./109.9mm, 6 Groove	Direct	2:00	11-0247
03-1853	HT6	4.96" O.D./125.9mm, 6 Groove	Direct	2:00	11-0247
03-1855	HT6	4.72" O.D./119.8mm, 6 Groove	Direct	11:00	11-0247
03-1872	HT6	4.0" O.D./101.6 mm, 6 Groove	Direct	11:00	plug

<b>DELPHI HT-6 / Sanden Replacement</b>	<b>Manufactured by Sanden- replaces DELPHI HT-6 GM Passenger Cars and Light Trucks</b>
<p><b>03-1852S</b> Manufactured by Sanden- replaces DELPHI HT-6 PV6, 4.4" / 112mm Diameter, Head Type GT 90° 135cc, Direct Mount (will replace 03-1852).</p>	<p><b>03-1853S</b> Manufactured by Sanden- replaces DELPHI HT-6 PV6, 5.1" / 130mm Diameter, Head Type GT 90° 135cc, Direct Mount (will replace 03-1853).</p>

**HU6** 10.0 cu. in. COMPRESSORS WITH CLUTCH *(supplied with sealing washers and without oil)*

Part No. (New)	Description	Clutch Type	Mount	Coil Position	Switch Type
03-1870	HU6 - LD Trucks	4.0" O.D./101.6mm, 6 Groove, w/4.3, 6.6L eng.	Direct w/ext. lug	11:00	plug
03-1871	HU6 - LD Trucks	4.2" O.D./106.6mm, 4 Groove, exc. above	Direct w/ext. lug	12:00	plug
03-1871A	C/K, G SERIES	4.2" O.D./106.6mm, 6 Groove	Direct w/ext. lug		2WMP

**GM Compressors - Pressure Relief Valves**  
*(Also see Pressure Relief Valve Section)*

 <p>M10 Metric</p> <p><b>03-8018</b> GM Compressors Brass, Metric M10-1.25 thread w/HNBR O-ring.</p>	 <p>3/8"-24</p> <p><b>03-8014</b> Universal (R12 &amp; R134a)</p>
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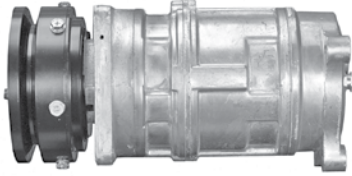



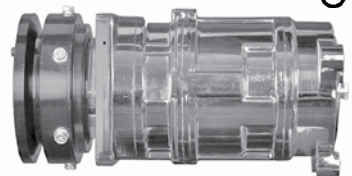
(See pages 259 for illustrations)

<b>R4</b> 10.0 cu. in. 4 cyl. COMPRESSORS WITH CLUTCH (supplied with sealing washers and without oil)				
Part No. (New)	Description	Clutch Type	Coil Position	Switch Type
03-1841	R4 - Short Shaft Style	4.33" O.D./109.9mm, 6 Groove	12:00 spade	w/Switch Plug
03-1846	R4 - Short Shaft Style	4.33" O.D./109.9mm, 6 Groove	12:00 pin	plug for #11-0247
03-1854	R4 - Short Shaft Style	4.97" O.D./126mm, Single Groove	6:00	plug for #11-0247



Some GM Models have been Equipped with Denso Mfg. Compressors, see Denso Section.  
For Additional O-ring and Sealing Washer Information, see Service Items Section.


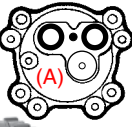

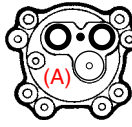

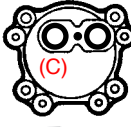
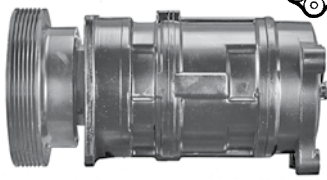
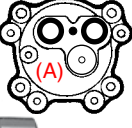

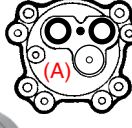

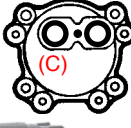

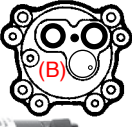
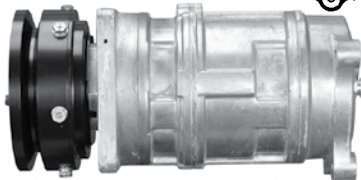
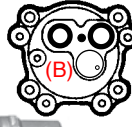

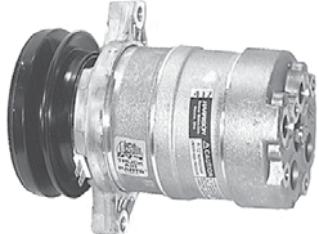


Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. Notes: refer to page 256.

 <p><b>03-1810A</b> R134a</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>PAG</td> <td>1gr 4-7/8"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	PAG	1gr 4-7/8"	12	Thread	Head Type	Coil Position (1)		Standard	Superheat	2:00 RH		 <p><b>03-1810Q</b> 220cc R134a</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>S6</td> <td>PAG46</td> <td>1gr 5"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">CAT#</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">1131243</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	S6	PAG46	1gr 5"	12	Thread	Head Type	CAT#		Standard	Superheat	1131243		 <p><b>03-1811A</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>PAG</td> <td>1gr 5-1/2"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">10:00 LH(4)</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	PAG	1gr 5-1/2"	12	Thread	Head Type	Coil Position (1)		Standard	Superheat	10:00 LH(4)	
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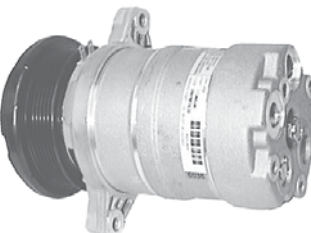
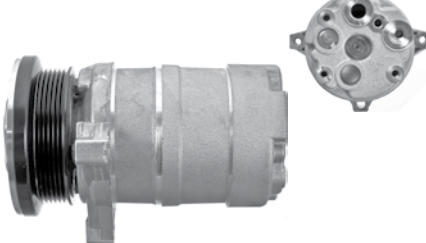
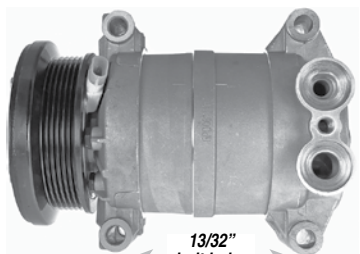
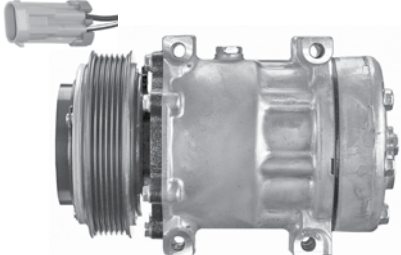
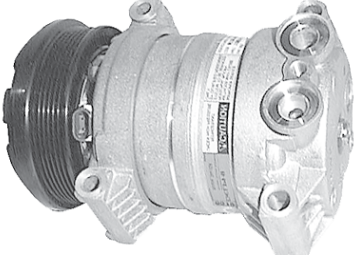
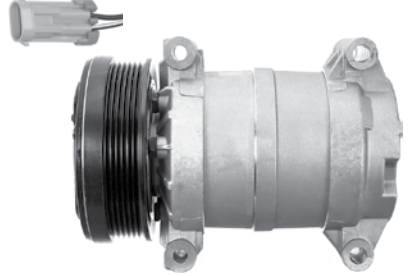

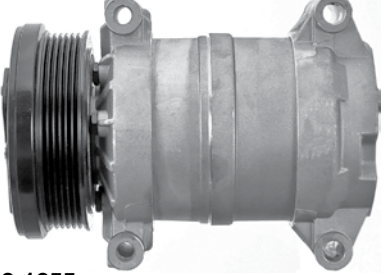
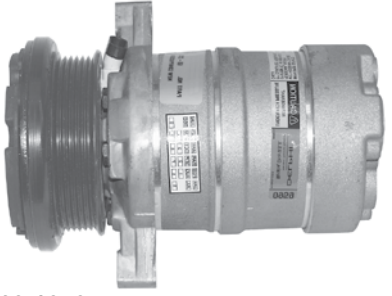

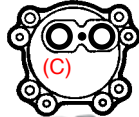
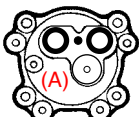
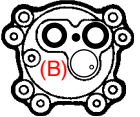

# Section V: Illustrated

# Delphi / GM - Compressors

Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. Notes: refer to page 256.

  <p><b>03-1813A</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>PAG</td> <td>1gr 6-7/8"</td> <td>24</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	PAG	1gr 6-7/8"	24	Thread	Head Type	Coil Position (1)		Standard	Superheat	2:00 RH		  <p><b>03-1813Q</b> 220cc (Aftermarket Version)</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>S6</td> <td>PAG</td> <td>1gr 6-7/8"</td> <td>24</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	S6	PAG	1gr 6-7/8"	24	Thread	Head Type	Coil Position (1)		Standard	Superheat	2:00 RH		  <p><b>03-1814</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>PAG</td> <td>6gr 5-1/2"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Metric</td> <td>Plain</td> <td colspan="2">10:00 LH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	PAG	6gr 5-1/2"	12	Thread	Head Type	Coil Position (1)		Metric	Plain	10:00 LH	
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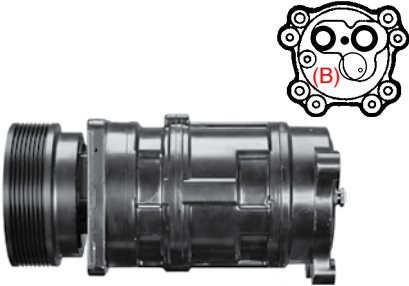

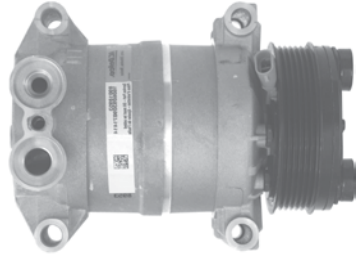
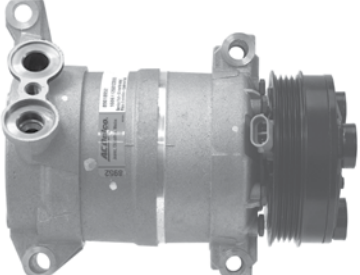

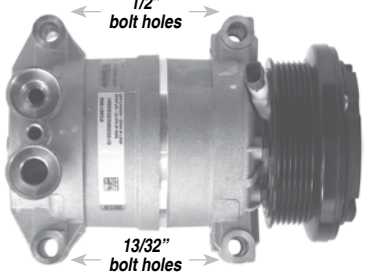
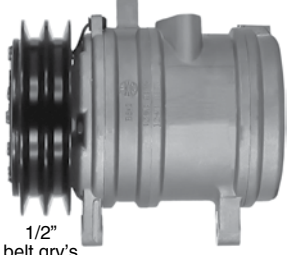


Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. Notes: refer to page 256.



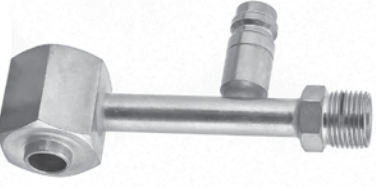
 <p>3 ears (with dust cover)</p> <table border="1"> <tr><td><b>03-1850</b></td><td></td><td></td><td></td></tr> <tr><td><b>Model</b></td><td><b>Oil</b></td><td><b>Clutch</b></td><td></td></tr> <tr><td>HR6HE</td><td>w/o</td><td>6gr 106.9mm 4.21"</td><td></td></tr> <tr><td><b>Volt</b></td><td><b>Switch Type</b></td><td><b>Coil Position</b></td><td></td></tr> <tr><td>12</td><td>Plug</td><td>12:00 spade</td><td></td></tr> </table>	<b>03-1850</b>				<b>Model</b>	<b>Oil</b>	<b>Clutch</b>		HR6HE	w/o	6gr 106.9mm 4.21"		<b>Volt</b>	<b>Switch Type</b>	<b>Coil Position</b>		12	Plug	12:00 spade		 <p>3 ears</p> <table border="1"> <tr><td><b>03-1851</b></td><td></td><td></td><td></td></tr> <tr><td><b>Model</b></td><td><b>Oil</b></td><td><b>Clutch</b></td><td></td></tr> <tr><td>HD6</td><td>w/o</td><td>6gr 109.9mm 4.33"</td><td></td></tr> <tr><td><b>Volt</b></td><td><b>Switch Type</b></td><td><b>Coil Position</b></td><td></td></tr> <tr><td>12</td><td>Plug</td><td>12:00 spade</td><td></td></tr> </table>	<b>03-1851</b>				<b>Model</b>	<b>Oil</b>	<b>Clutch</b>		HD6	w/o	6gr 109.9mm 4.33"		<b>Volt</b>	<b>Switch Type</b>	<b>Coil Position</b>		12	Plug	12:00 spade		 <p>13/32" bolt holes</p> <table border="1"> <tr><td><b>03-1852</b></td><td></td><td></td><td></td></tr> <tr><td><b>Model</b></td><td><b>Oil</b></td><td><b>Clutch</b></td><td></td></tr> <tr><td>HT6</td><td>w/o</td><td>6gr 109.9mm 4.33"</td><td></td></tr> <tr><td><b>Volt</b></td><td><b>Switch</b></td><td><b>Coil Position</b></td><td></td></tr> <tr><td>12</td><td>#11-0247</td><td>2:00</td><td></td></tr> </table>	<b>03-1852</b>				<b>Model</b>	<b>Oil</b>	<b>Clutch</b>		HT6	w/o	6gr 109.9mm 4.33"		<b>Volt</b>	<b>Switch</b>	<b>Coil Position</b>		12	#11-0247	2:00	
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# Section V: Illustrated

# Delphi / GM - Compressors


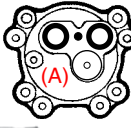

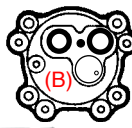

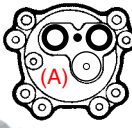

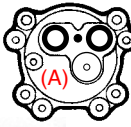
Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. Notes: refer to page 256.

 <p><b>03-1865Q</b> 220cc</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>S6</td> <td>PAG46</td> <td>8gr 4.81"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">OEM#</th> </tr> <tr> <td></td> <td>Pressure</td> <td colspan="2">1138030</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	S6	PAG46	8gr 4.81"	12	Thread	Head Type	OEM#			Pressure	1138030		 <p><b>03-1866</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> <th>Rotation</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>PAG</td> <td>6gr 6"</td> <td>12</td> <td>CCW</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="3">Coil Position</th> </tr> <tr> <td>Metric</td> <td>Plain</td> <td colspan="3">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	Rotation	A6	PAG	6gr 6"	12	CCW	Thread	Head Type	Coil Position			Metric	Plain	2:00 RH			 <p><b>03-1870</b> (LD Trucks)</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>HU6</td> <td>w/o</td> <td>6gr 101.6mm 4"</td> </tr> <tr> <th>Volt</th> <th>Switch Type</th> <th>Coil Position</th> </tr> <tr> <td>12</td> <td>Plug</td> <td>11:00</td> </tr> </tbody> </table>	Model	Oil	Clutch	HU6	w/o	6gr 101.6mm 4"	Volt	Switch Type	Coil Position	12	Plug	11:00
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<p><b>GM A6 SERVICE VALVE FITTINGS</b></p>		
<p><b>GM A6 - PAD ADAPTER SERVICE VALVE FITTINGS</b></p> <p>#8..... 08-3045S #10..... 08-3046S #12..... 08-3047S</p>  <p>#16-4224 O-ring Suct/Disch</p>	 <p><b>08-3048S</b> GM A6 HOLD DOWN BRACKET (supplied w/standard and metric bolt)</p>	<p><b>CATERPILLAR A6 Compressor SERVICE VALVE FITTING (steel) with R134a PORT</b></p> <p>#8..... w/16mm port..... 08-3090 #10 ..... w/13mm port..... 08-3091</p>  <p>#16-4224 O-ring Suct/Disch</p>

Listed in ascending order by part number. Clockwise (CW) rotation only unless noted.

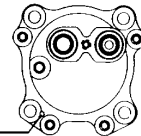
**A6 REMANUFACTURED**

  <p><b>30-1810</b> reman</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>Mineral</td> <td>1gr 4-7/8"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position(1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	Mineral	1gr 4-7/8"	12	Thread	Head Type	Coil Position(1)		Standard	Superheat	2:00 RH		  <p><b>30-1812</b> reman</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>Mineral</td> <td>1gr 4-7/8"</td> <td>12</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Pressure</td> <td colspan="2">2:00 RH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	Mineral	1gr 4-7/8"	12	Thread	Head Type	Coil Position (1)		Standard	Pressure	2:00 RH		<p>(DO NOT USE TO REPLACE CCW ROTATION COMP.)</p>   <p><b>30-1813</b> reman</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>Mineral</td> <td>1gr 6-7/8"</td> <td>24</td> </tr> <tr> <th>Thread</th> <th>Head Type</th> <th colspan="2">Coil Position (1)</th> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td colspan="2">10:00 LH</td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	Mineral	1gr 6-7/8"	24	Thread	Head Type	Coil Position (1)		Standard	Superheat	10:00 LH	
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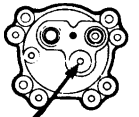
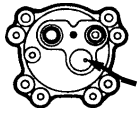
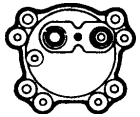
**Notes:**

- 1) Coil position determined by position of coil terminals with the compressor oil sump on bottom. Determination made facing the clutch. (RH = Right Hand, LH = Left Hand.)
- 2) When converting O.E. standard thread compressors to metric type replacement compressors, use of metric bolts is required. When converting O.E. metric thread compressors to standard type replacement compressors, use of standard thread bolts is required.
- 3) Do **not** use to replace counterclockwise rotation compressors. See illustration to the right for counterclockwise rotation compressor identification.
- 4) Use coil extension 02-3145 for 2:00 applications.
- 5) This is a **counter-clockwise** rotation compressor. Do **not** use to replace clockwise (standard) compressors.

.187 Drilled Identifier Hole for Counterclockwise Rotation



NOTE: A & B TYPES **NOT** INTERCHANGEABLE. ALL **REMANUFACTURED** (AND SOME NEW) COMPRESSORS SUPPLIED **WITHOUT** SWITCH (Available Separately).

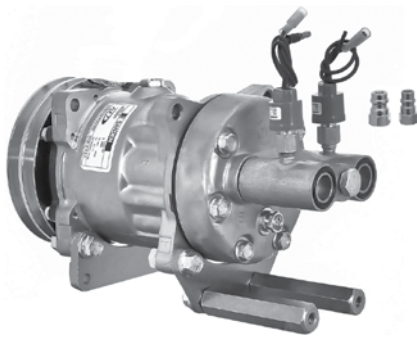
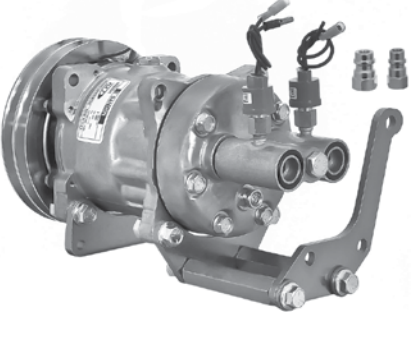

<p><b>A</b> HOLE IN CENTER OF SWITCH CAVITY</p>  <p>SUPERHEAT SWITCH TYPE (USED IN CONJUNCTION WITH THERMAL LIMITER FUSE)</p>	<p><b>B</b> HOLE OFFSET IN SWITCH CAVITY</p>  <p>PRESSURE SWITCH TYPE</p>	<p><b>C</b> NO SWITCH CAVITY</p>  <p>PLAIN HEAD TYPE</p>
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**For Additional O-ring and Sealing Washer Information see Service Items Section.**






**GM Delphi A6 to SANDEN / SELTEC - CHANGEOVER KITS**

Note: Changeover Kits do not include belts, service valves, refrigerant hose.

 <p><b>03-1811SF</b> A6 to SANDEN will convert to p/n 03-1811A (A6) Kit includes:  <ul style="list-style-type: none"> <li>• Sanden FLX Compressor with 2 grv, 135mm 5-14" dia. clutch, 12v</li> <li>• Mounting Bracket</li> <li>• Mounting Hardware</li> <li>• Binary Switches</li> <li>• Manifold GM Pad 2" extension</li> <li>• Retorfit Adapters</li> <li>• O-Rings</li> </ul> </p>	 <p><b>03-1813SF</b> A6 to SANDEN will convert to p/n 03-1813A (A6) CATERPILLAR OffRoad Kit includes:  <ul style="list-style-type: none"> <li>• Sanden FLX Compressor with 2 grv, 152mm 6" dia. clutch, 24v</li> <li>• Mounting Bracket</li> <li>• Mounting Hardware</li> <li>• Binary Switches</li> <li>• Manifold GM Pad 2" extension</li> <li>• Retorfit Adapters</li> <li>• O-Rings</li> </ul> </p>	 <p><b>03-1826SF</b> A6 to SELTEC/VALEO will convert to p/n 03-1826 (A6) Kit includes:  <ul style="list-style-type: none"> <li>• Seltec TM16HD Compressor with 2 grv, 135mm 5-14" dia. clutch, 24v</li> <li>• Mounting Bracket</li> <li>• Mounting Hardware</li> <li>• Binary Switches</li> <li>• Manifold GM Pad 2" extension</li> <li>• Retorfit Adapters</li> <li>• O-Rings</li> </ul> </p>
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**A6 CHANGEOVER PARTS - Manifolds and Bracket Kits**

 <p><b>03-6530</b> A6 to SANDEN, SELTEC CONVERSION PAD GM Pad Manifold 2" Extension with two (2) 1/4" Charge Ports</p>  <p><b>08-3049S</b> A6 to SANDEN, Hold Down Plate use with #03-6530</p>	 <p><b>03-6530K</b> A6 to SANDEN, SELTEC PORT EXTENSION KIT Kit includes:  <ul style="list-style-type: none"> <li>• 2-1/4" Extension with Hold Down Plate, Bolts</li> <li>• Binary Switch and Pigtail</li> </ul> </p>	 <p><b>AK5350</b> A6 to SANDEN, SELTEC BRACKET KIT (for Kit #03-1811SF) For all A6 applications w/4 lower mtg holes. Attaches to original A6 mounting brackets. Kit includes:  <ul style="list-style-type: none"> <li>• Brackets</li> <li>• Hardware (nuts and bolts)</li> </ul> </p>
 <p><b>AK5352</b> A6 to SANDEN BRACKET KIT UNIVERSAL MOUNT (for Kit #03-1813SF) Kit includes:  <ul style="list-style-type: none"> <li>• Brackets for all A6 side mount applications</li> <li>• Hardware (nuts and bolts)</li> </ul> </p>	 <p><b>AK5355</b> A6 to SANDEN / SELTEC BRACKET KIT (for Kit #03-1826SF) Use with Ear Mount Compressors Mounts to John Deere 6404, 6466 Engines Kit includes:  <ul style="list-style-type: none"> <li>• Brackets</li> <li>• Hardware (nuts and bolts)</li> </ul> </p>	 <p><b>AK5356</b> A6 to SANDEN, SELTEC BRACKET KIT for John Deere Tractor Models: 2950, 2955, 3040, 3140, 3150, 3155 and 3350. Kit includes:  <ul style="list-style-type: none"> <li>• Brackets</li> <li>• Hardware (nuts and bolts)</li> </ul> </p>