

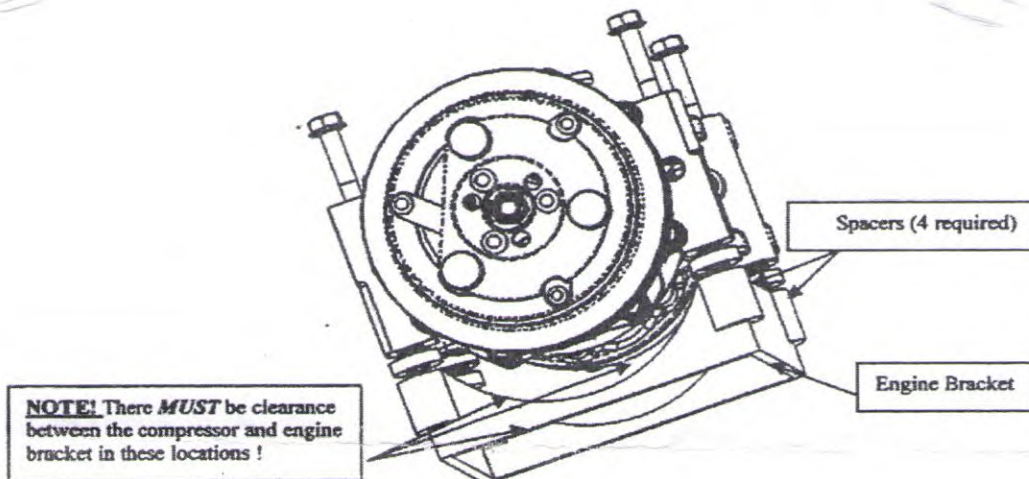
INSTALLATION INSTRUCTIONS

1. This sheet contains important supplemental information in addition to normal service manuals, applicable procedures and regulations. The Sanden service manual can be found on line at the Sanden web site, www.Sanden.com.
2. This compressor is standardized for service replacement of compressors both "with" and "without" high-pressure switch and has a plug in the switch cavity of the rear head.

Models "without" Switch: Switch cavity plug remains in place, no change to compressor assembly required.

Models "with" High Pressure Switch

1. Tilt both compressors so that switch location is "up" to prevent oil leaks when cavity plug is removed. **DO NOT STAND THE NEW COMPRESSOR ON THE FRONT PULLEY CLUTCH.** This may damage the clutch.
 2. After removing switch cavity plug and o-ring from the new compressor rear head switch cavity, lubricate new switch o-ring with refrigerant oil (see below) and install in the switch cavity of the new compressor. Install new switch (Delco p/n 15-2874 or equivalent) and a new switch retainer ring.
3. **Oil Equalization:** for R-134a systems use ONLY synthetic (PAG) oil, Sanden SP-15 or SP-20, Delco 15-118, or GM PAG #12345923. **DO NOT USE MINERAL OIL IN R134a SYSTEMS.** This compressor was shipped with 135ml (4.5 fl. oz.) oil.
1. Prior to installing the new compressor, use the proper Service Manual procedure to equalize oil charge with the amount drained from the old compressor. Drain and measure oil from the old compressor in a graduated cylinder.
 2. If 100ml (3.5 fl. oz) or less is drained from the old compressor, subtract the amount drained from 100 ml (3.5 fl. oz) to determine the amount drained from the new compressor.
 3. If more than 100 ml (3.5 fl. oz) is drained from the old compressor, subtract 100 from the amount drained to determine the amount of clean new oil added to the new compressor.
 4. If additional components are replaced when the compressor is changed, add additional oil as follows:
 A/C evaporator core: add 90 ml (3 fl. oz)
 A/C condenser core: add 30 ml (1 fl. oz)
 Accumulator: add 60ml (2 fl. oz.).
 5. **DO NOT** add a total of more than 150 ml (5 fl. oz) to the new compressor.
 6. Torque the oil plug to 11 – 18 ft.-lb.
4. This compressor may not be an exact match for the old compressor. Therefore, an adapter kit is provided. 4440-9750 (5.7L, 5.0L V8 and 4.3L V6): 4 spacers (4mm thick)
 Clearance between the compressor and engine bracket is important. See sketch:



5. Tighten compressor-mounting bolts to 37 ft.-lbs. Install a new seal washer kit, Delco #15-27222 or equal.
6. Use the following cross-reference if a longer serpentine belt is required:

ENGINE	ORIGINAL BELT PART NUMBER	LONGER BELT PART NUMBER
5.0L, 5.7L w/100,105A alternator; 4.3L (all)	6K960 or GM# 12564764	6K966 or equal
5.0L, 5.7L w/140A alternator	6K966 or GM# 12564764	6K975 or equal