

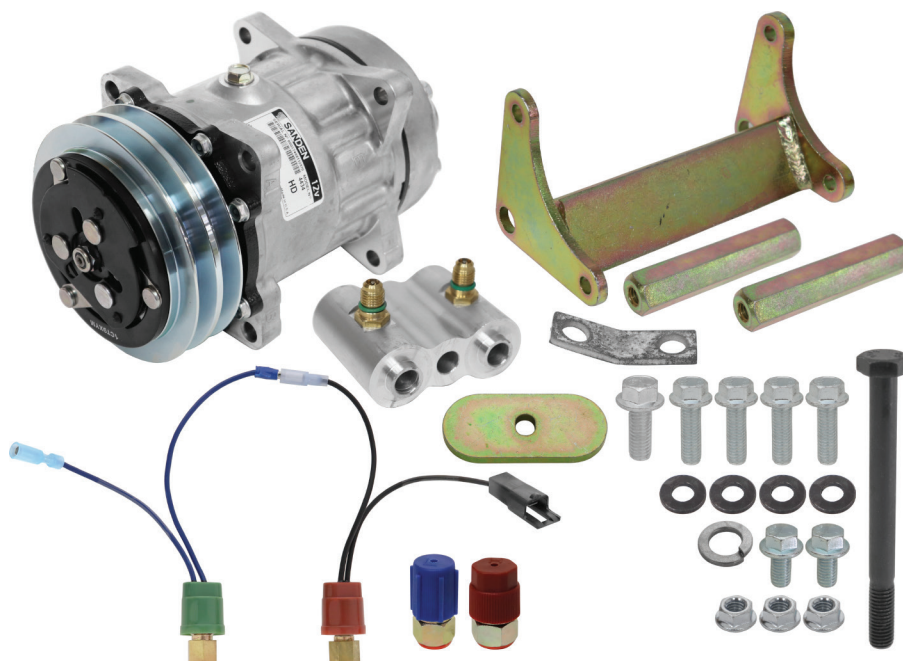


Instructions | Part#: 990-400

*John Deere, Compressor Conversion Kit
A6 to Sanden Conversion*

Fits John Deere Models: 2950, 2955, 3040, 3050, 3140, 3150, 3155

1. Remove the long 5/8" bolt from original compressor bracket, remove compressor and bracket.
2. Remove receiver drier and expansion valve, flush the entire system with a recommended A/C flush solvent and remove any excess flush left in the system with compressed air.
Install a new receiver drier, expansion valve and any other component in need of replacing at this time.
Drain assembly oil from new compressor and add 9oz. of Pag or Ester Oil to the system after the system has been flushed and is clean.
3. Install the new compressor with mounting bracket to the original compressor mount.
This bracket replaces the original A6 bracket.
4. This kit uses the original belt, tighten belt and mounting bolts at this time. Install the small strap at the engine side of the radiator support bracket to offset the support away from the compressor.
5. Install the new hi-side and lo-side compressor hoses to the new compressor using the aluminum extension manifold with pressure switch port facing up. Secure the new manifold and hoses to the new compressor using the M10 x 120 bolt, lock washer and hold down plated provided in the kit.
6. Install the new high and low pressure cut out switches on the manifold, (220-415 on suction/Low side and 220-516 on discharge/High side of compressor). Install the new pressure switch wiring harness to the switches and attach one of the leads to the compressor coil wire. Attach compressor clutch power wire (from tractor) to the remaining wire on the pressure switch harness. Remove the valve cores from the R12 charge ports and install the new R134a retrofit adapters.
7. Vacuum down the system with an adequate vacuum pump for at least 1 hour to remove the air and or moisture trapped in the system. Recharge with the recommended amount of R134a refrigerant.



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