

How to Remove/Install Compressor Manifold: 6511491

gpd compressor 6511491 may require use of OEM manifolds:

- 2001–2006 Hyundai Santa Fe 2.7 V6
- 1999–2001 Hyundai Sonata 2.5 V6
- 2002–2005 Hyundai Sonata 2.7 V6
- 2005–2009 Hyundai Tucson 2.7 V6
- 2001 Kia Magentis 2.5 V6
- 2002–2006 Kia Magentis 2.7 V6
- 2001 Kia Optima 2.5 V6
- 2002–2006 Kia Optima 2.7 V6



6511491

TOOLS NEEDED

6mm Hex Key

O-Ring Pick (5811493)

Always Use Eye Protection

1. Evacuate the A/C system and remove lines. Remove compressor and locate manifold on old compressor. The manifold is usually on top of the compressor. *Be sure to note which way the manifold sits on the compressor. Clean around the manifold and remove excess dirt before removing hex bolts. (The manifold pictured is a representation; yours may look different).



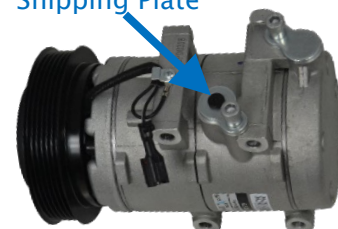
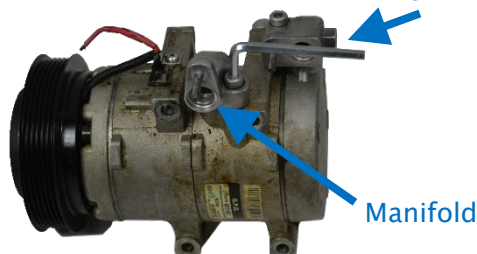
gpd Compressor Kits will include a Rapid Seal O-Ring Kit (all seals for the A/C system). Refer to catalog to find the Rapid Seal O-Ring Kit for your application.

Old Compressor

6mm Hex key

New Compressor

Shipping Plate



2. Caution! Compressor may be under pressure. Remove the two 6mm bolts. Remove manifold from old compressor taking care not to clear debris so it does not get inside the manifold.
3. Caution! Compressor may be under pressure. Place new compressor facing the same way as the one removed from the vehicle. Locate shipping plate on top of compressor. Undo the two 6mm hex bolts. Use caution when removing the plate.

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How to Remove/Install Compressor

Manifold: 6511491

gpd

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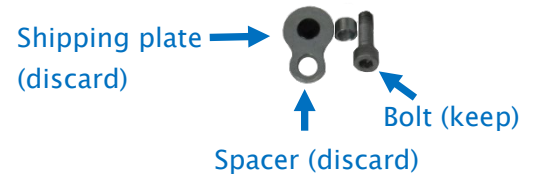
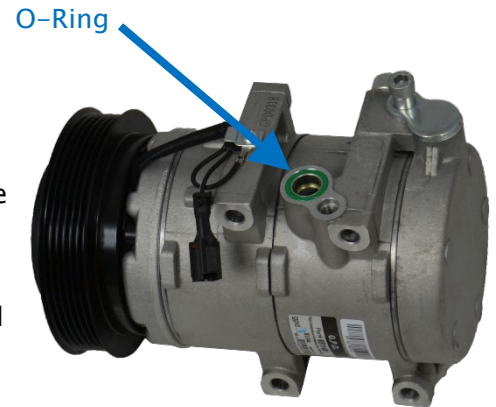
TECH TIP

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4. Caution! Place the compressor in a stable area to prevent knocking it over and do not allow debris to get into the manifold. gpd 65 series compressors are prefilled with the correct amount of oil for the system.

5. If you do not have a Rapid Seal O-Ring Kit, locate the manifold gasket and place on compressor where the old one was located. Note: The new gpd compressor will have a spacer on the bolts. Discard the spacer and plate and keep the bolts.



6. Note the placement of the manifold on the original compressor. Place manifold from old compressor on to your new compressor and tighten. Make sure the manifold is in the right direction. Although it will appear to fit in the opposite direction, this will damage the new compressor. Ensure the manifold is put on the new compressor in the same place/location as the original.



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