

Installation Manual

For The



UNDERHOOD AIR COMPRESSORS

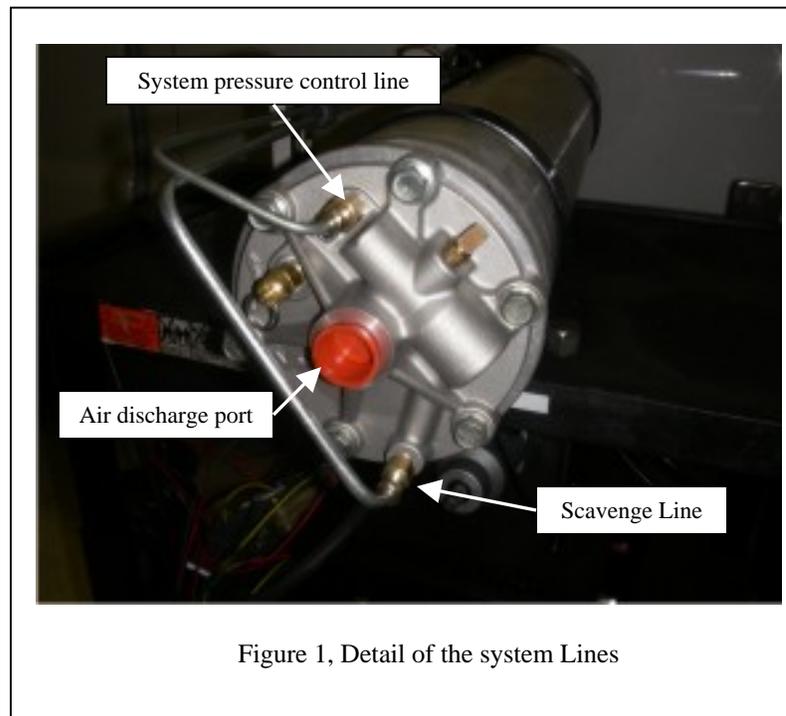
ACCESSORY KIT #A700160



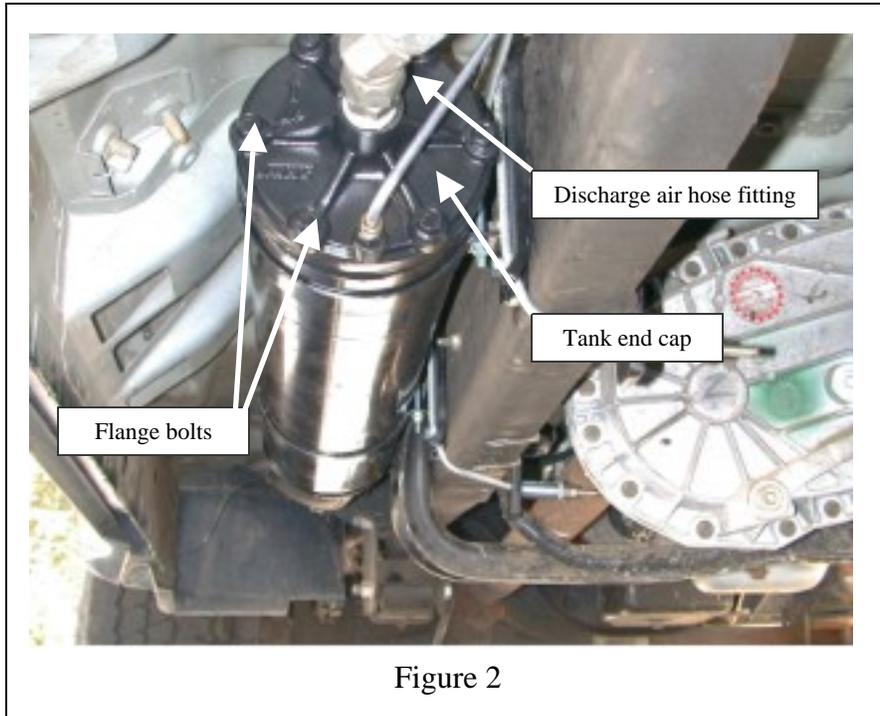
Rapid Blowdown Cap Retro Kit (Steel Lines)

Installing the rapid blow down cap.

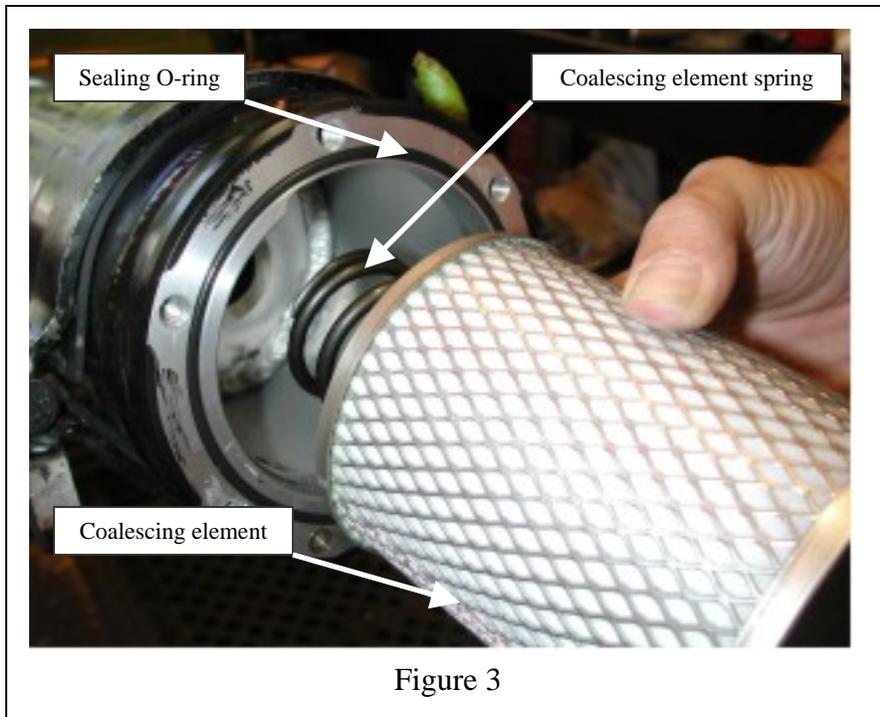
1. Place the standard transmission in neutral or the automatic transmission in park and fully apply the park brake.
2. If the system has been operated, allow at least 10 minutes so that all air pressure can vent.
3. Clean loose debris from the area around the rear end of the air/oil tank to prevent contamination.
4. Remove the discharge air hose and fittings from the tank, (figure 1).
5. Remove the pressure control and scavenge line from the rear end cap of the system air/oil tank. Move the hoses, (carefully to avoid twisting the lines out of the way, (figure 1)).



6. Remove the six (6) flange bolts retaining the tank end cap housing at the rear of the tank. Care should be taken when removing the six flange bolts completely out as the coalescing element is spring loaded against the inside of the end cap, (figure 2).

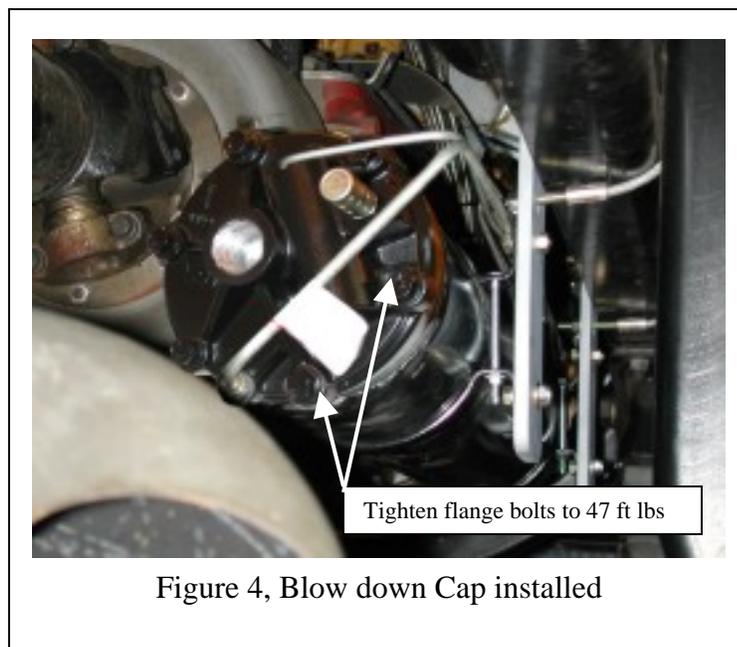


7. Remove the rear end cap from the tank.



8. Remove the sealing O-ring on the face of the tank, (figure 3).

9. Wipe the sealing face of the tank and install the new O-ring.
10. Install the new rapid blow down cap on the rear of the tank by pushing against the spring.
11. Ensure that the arrow on the cap is pointing up. Align the holes on the housing in the tank and install the six 3/8 inch flange lock bolts. Torque the fasteners to 47 ft-lbs, (figure 4).
12. Reattach the 1/4 inch pressure control and 5/16 inch scavenge steel lines to the end cap and tighten.
13. Reinstall the discharge air hose fittings, reconnect the hose and tighten.
14. Start the engine and allow the engine to reach normal operating temperature.
15. Turn the compressor switch on the control unit to the “ON” position.
16. Allow the system to pressurize and return to preset base idle speed.
17. Turn the compressor switch on the control unit to the “OFF” position.
18. Allow the system to blow down. Ensure that all pressure has discharged from the system.





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