



CNG CONVERSION SYSTEM MAINTENANCE MANUAL

COALESCING FILTER CHANGE

2014-2018 FORD TRANSIT CONNECT 2.5L

2015-2018 FORD TRANSIT 3.7L



IMPORTANT INFORMATION:

- All owner information supplied by Ford must remain with the unit. The incomplete vehicle manual is not owner information and is excluded from this requirement.
- Compressed natural gas is a combustible fuel and is flammable and highly explosive.
- CNG is stored under high pressure (maximum of 3,600psi) at 70°F (21°C).
- Tampering with or improperly maintaining the high pressure fuel system can result in voiding the warranty, personal injury, or damage to the alternative fuel system.
- Never attempt to modify the fuel system and always have the fuel system maintenance performed at an authorized dealership by qualified technicians.
- Exercise extreme caution and follow all related safety guidelines.

**Ensure that you are in a well ventilated area. Exercise extreme caution, the gases are flammable!
Follow all instructions!**

Required Tools:

- Torque wrench (in ft-lb's)
- Parker Lube & Seal or other higher grade lubricant
- Filter socket (Not included. Available for purchase from Altech-Eco corp. #FSS STEEL)
- Bubble soap or a high grade methane detector (recommended model: TPI 721)

Coalescing filter: Current - #KIT-AFF-FILTER, 2011-2013 model year - #FILTER-O

FILTER CHANGE

1. Vehicles have easy access to the valve without having to remove the cylinder cover. (Cylinder package configurations may vary)
2. Close valve(s) manually.
3. Run the vehicle on CNG until the vehicle switches over to gasoline.
DEDICATED - Run until vehicle stalls.
4. Locate the bleed valve and release any access CNG.
(Location of bleed valve may vary)



(Package types will vary)



FILTER CHANGE

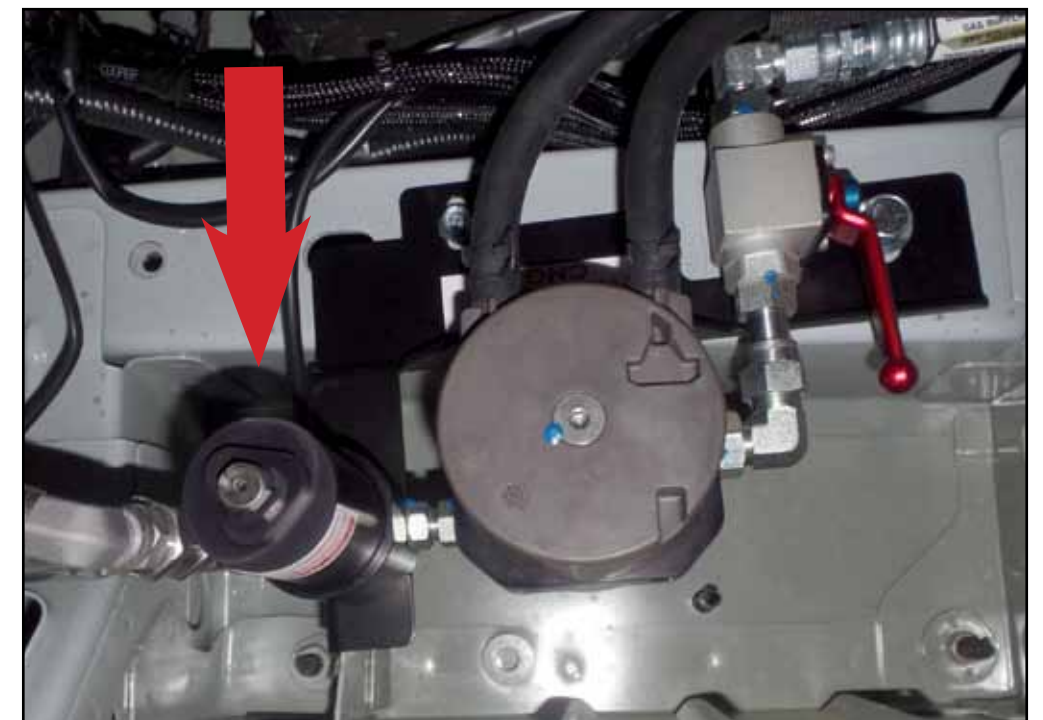
5. Locate the filter housing, located on the regulator assembly.
Transit Connect 2.5L - Back of the vehicle and underneath the inside spare tire area. The spare tire **MUST** be removed to expose the regulator assembly.
Transit 3.7L - Underneath the vehicle and located below the driver side seat.
6. Remove ONLY the bottom half of the filter housing using the filter socket.
7. Remove the old O-ring from the filter housing.
 Clean and remove any excess oil or debris inside the filter housing.
8. Install new O-ring. Generously apply lube and ensure entire O-ring is coated.
9. Attach the coalescing filter inside the top housing half.
 Ensure that filter is snug and not loose.
10. Re-install filter bottom half of the filter housing and tighten to 45 ft-lbs.
11. Hand tighten first then add an 1 or 1 1/2 flat. DO NOT OVER TIGHTEN, doing so will damage the threading.
12. Open the valve(s).
13. Cycle the ignition 3 times to repressurize the system and start the vehicle.
14. Perform a leak test.



Transit Connect 2.5L



2016-2017 Transit 3.7L



2018 Transit 3.7L