



2015+ F-150 Intercooler Installation Instructions for Part 555 3617



Tools Needed

1. 7, 8, 13, 21mm sockets
2. 3/8" Ratchet
3. Door panel trim tool

Installation

1. Remove bumper trim panel locking clips. See figure 1.
2. Working from front of bumper, remove four 21mm nuts from support bracket. See figure 2.
3. With aid of a helper or jack, remove two rear 21mm nuts and place bumper in bed of truck. See figure 3.
4. Remove grille valence skirt push pins from grill shutter housing.
5. Remove electrical connector & four 8mm bolts to remove grille shutter assembly. See figure 4.
6. Disconnect hoses from intercooler. Bypass tubes remove by rotating counterclockwise to release twist lock connector. See figure 5

7. Support intercooler and remove two 13mm bolts to drop and remove intercooler. See figure 6
8. Remove 8mm bolt holding bypass valve to intercooler, rotate valve counterclockwise to remove valve, & remove rubber grommets. See figure 7
9. Install grommets on new intercooler, install valve, and secure with provided bolts.
10. Support and install new intercooler using provided hoses and clamps. The larger provided clamp attaches hose to intercooler. See figure 8
11. Reuse and install factory hot side hoses and clamps.
12. Reinstall factory grille shutter assembly. Some trimming of shutter seal may be necessary to fit new intercooler. Ensure electrical connector is plugged otherwise you may get a DTC or check engine light.
13. Reinstall bumper with all hardware loose to ensure prior fitment prior to tightening all hardware.
14. Start engine and look & listen for possible leaks prior to driving vehicle.

Figure 1



Figure 2

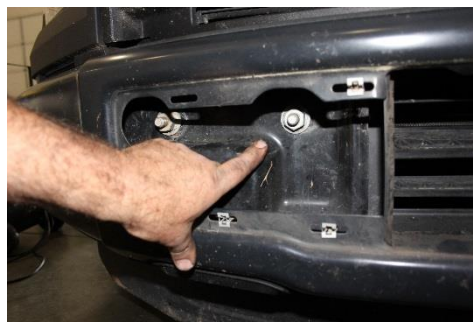


Figure 3



Figure 4



Figure 5

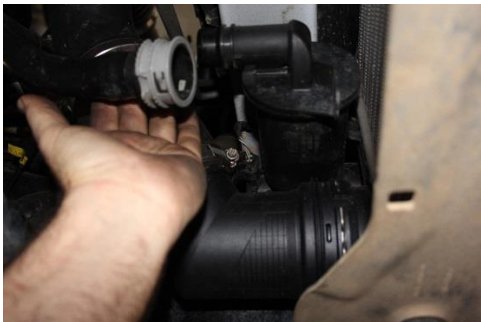


Figure 6



Figure 7



Figure 8

