

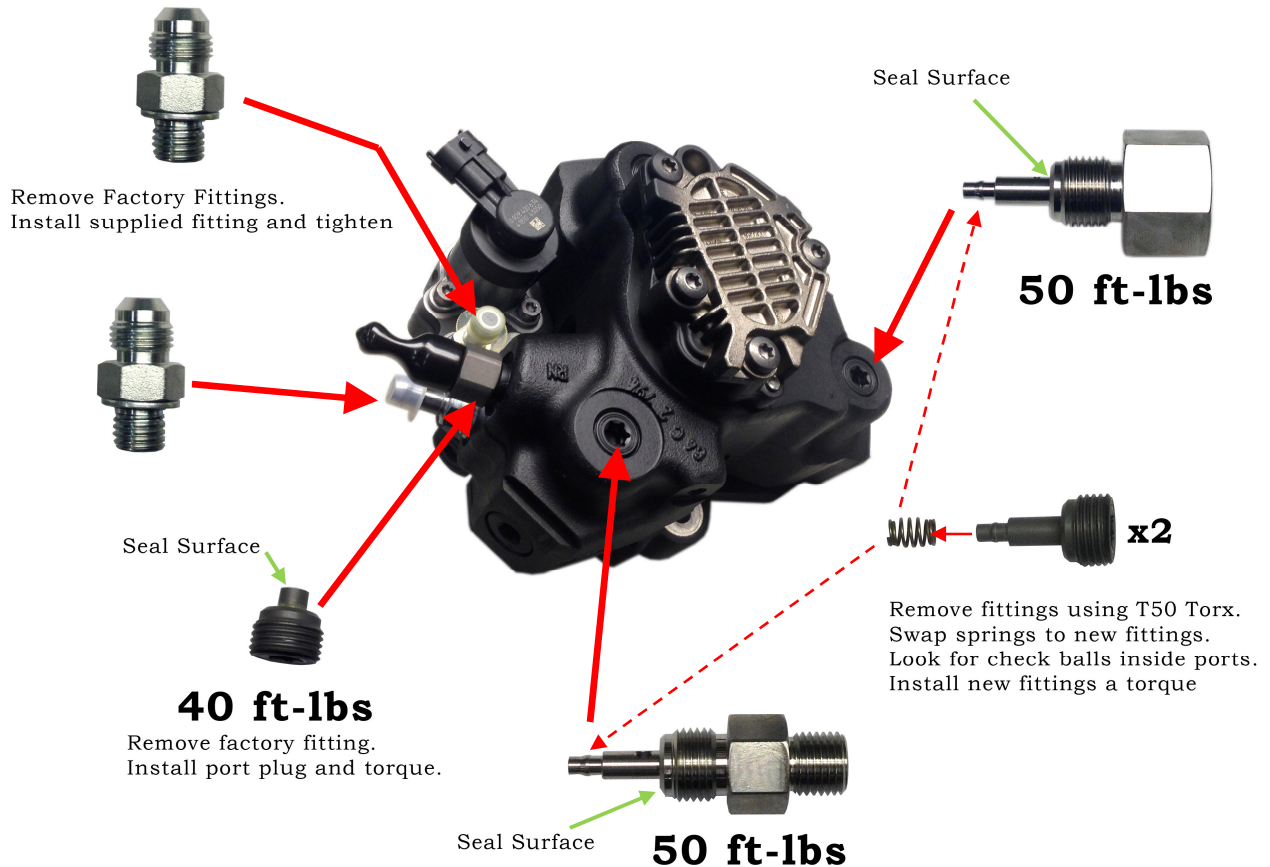


**Installation Manual v2.2:  
Dodge Twin CP3 Pump Assembly  
2003-07 5.9L Dodge**

**Please read all instructions before installation.**

This kit is designed to use a CP3 pump from an LBZ/LMM Duramax (GM p/n 97361351). Use of another pump can result in fuel line misalignment.

1. Please make sure all pump fittings are packaged together in the Dodge Twin CP3 "No-Pump" Kit.



Note: A useful hint for installing the fittings is to install the pump on the pump bracket and clamp the bracket in a vice.

2. Remove the lower plug on the back of the CP3 pump. A ball is located inside this port; make sure this ball does not fall out when removing the plug. Remove the spring attached to the plug and place the spring on the end of the new high pressure fuel fitting. Place a small amount of grease on the sealing surface of the rear port high pressure port fitting. Do not use grease with suspended solids like molybdenum disulfide, graphite or PTFE as these can damage the pump and injectors; Transgel is preferred. Install the fitting in the port, again making sure the ball is still in the port. Torque the new fitting to **50 ft-lbs**.
3. Remove the other plug on the back of the CP3 Pump shown. A ball is located in this port as well. Remove the spring and install on the pressure sensor adapter. Grease the seal surface and torque to **50 ft-lbs**.
4. Remove the factory high pressure outlet fitting and replace with the port plug. Apply a small amount of clean grease to the seal surface. Torque to **40 ft-lbs**.
5. Remove the two barbed fittings. These are the factory low pressure supply and return ports. Replace them with the 12mm to JIC-6 fittings supplied with the kit.

**WARNING: The CP3 pump WILL FAIL within the first 20min of operation if the 5mm check ball is not in the pump. An extra check ball is included with the kit in case the ball is not in the pump or is lost.**