

K.B.D Diesel Performance ^{LLC}



Includes:

- 3. Hydraulic hoses
- 3. -10 O-Ring Boss to JIC Fittings
- 1. 90° Male/Female JIC
- 1. 45° Male/Female JIC
- 2. 90° Male/Male ORB to JIC
- 1. 90° Male/Male ORB Long Leg to JIC
- 2. Large Washers
- 4. Long Zip Ties

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1: Park vehicle on a level surface. Use the parking brake and chock the wheels.

2: Disconnect the batteries.

3: Remove the factory cooler lines. The hard lines are held in place with wire clips. Have a drain pan ready to catch any fluid. If you choose, it's easiest to cut the OE aluminum lines to remove them. Finally remove the OE adapter fittings from the transmission, radiator and transmission cooler.

4: Remove the O-rings on the two straight O-ring boss fittings. Install a washer on the two O-ring boss fittings as shown. You will have to "thread" the fitting into the washer. Place the O-ring back onto the fitting. These fittings will thread into the radiator. **DO NOT OVERTIGHTEN.**



Note: If you have an aftermarket radiator you may need Metric to -10 JIC straight fittings.

5: Install two O-ring boss, 90° fittings at the transmission, the long leg 90° should be installed in the lower port.

6: Install the 45° JIC fitting on the lower radiator port. Then Install the 90° JIC fitting on the upper radiator port.

7: Now install a 90° O-ring boss fitting onto the drivers side port of the transmission cooler. The driver's side fitting will point towards the ground.

8: Now install a straight O-ring boss fitting into the passenger side port of the transmission cooler.

9: Finally route the three lines as shown in the schematic on the next page. Loosely install the hose ends.

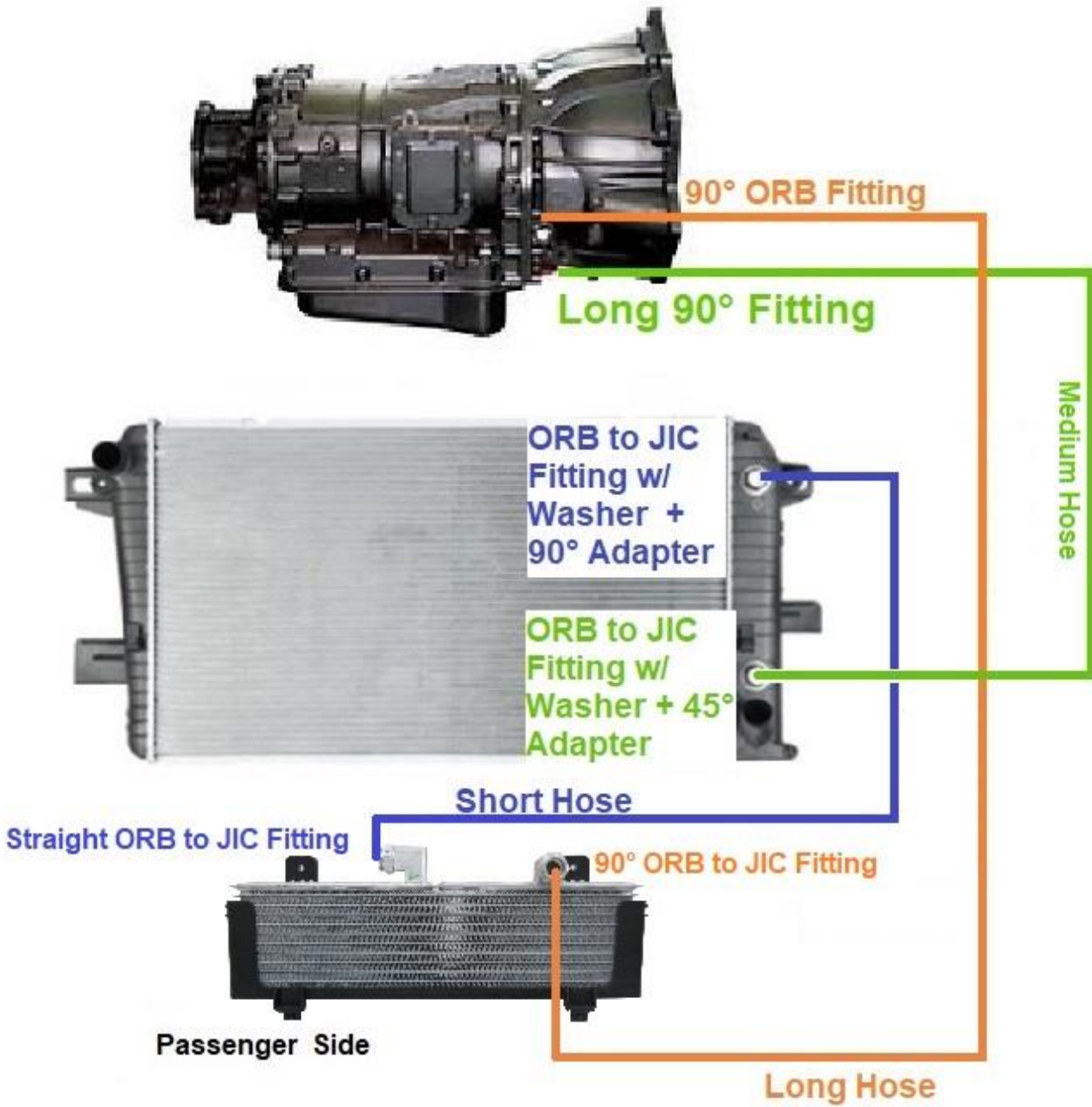
10: Align the hoses and fittings to prevent rubbing and kinking. Use zip ties as needed. Tighten all fittings and hose ends firmly.

11: Connect the batteries.

12: Check the transmission fluid level and engine coolant level, add fluids as needed. Check carefully for leaks.

Congratulations on your installation!





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