

DETROIT DIESEL



Installation Instructions

18SP594* – Series 60[®] EGR Hose and Constant Tension Clamp Kit for EGR Cooler Water Ports

* Revision2 - 9/16/08

KIT DESCRIPTION

Hose and constant tension clamp kit (P/N: 23534838) for servicing the EGR cooler water ports of all Series 60[®] EGR models.

KIT CONTENTS

See Table 1 for the parts list for the kit and see Figure 1 for the location of parts.

Kit Part Number	Qty.	Description
23535175	2	Water Outlet Hose, 2.75" x 2.50"
23501941	4	Clamp, Constant Tension
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Table 1 Hose and Constant Tension Clamp Kit (P/N: 23534838)

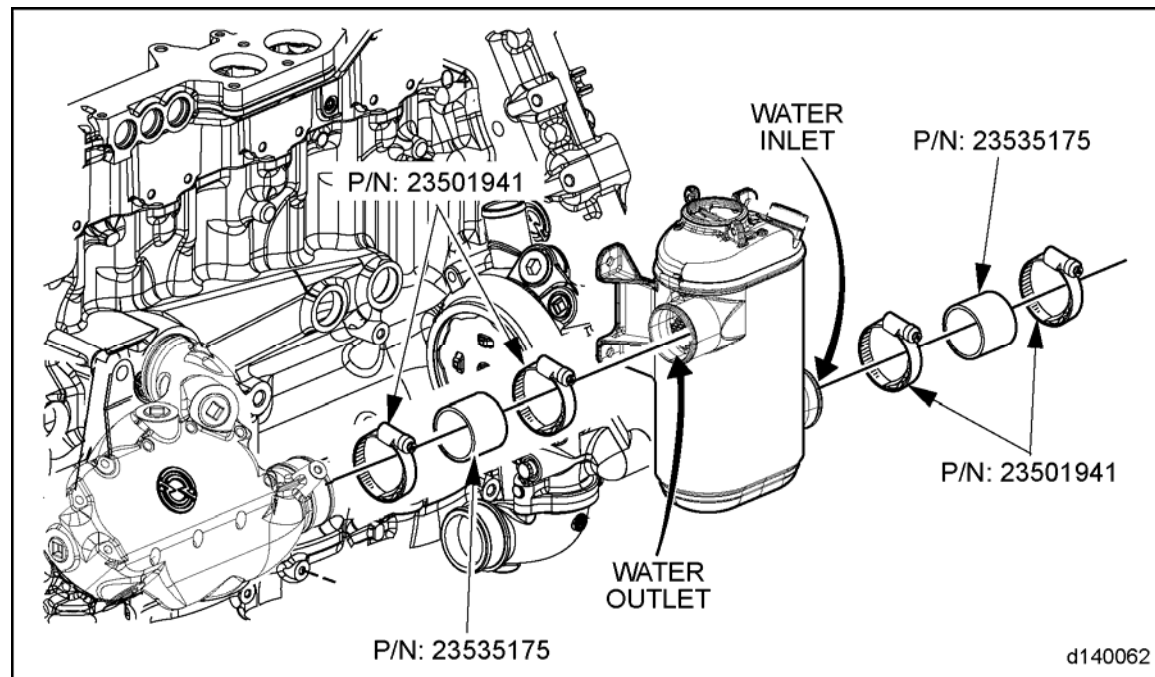


Figure 1 Hose and Constant Tension Clamp Kit for EGR Cooler

REMOVAL PROCEDURE

WARNING:

EYE INJURY

To avoid injury from flying parts when working with components under spring tension, wear adequate eye protection (face shield or safety goggles).

1. If the engine you are servicing has spring wire clamps (See Figure 2), remove the clamps using the slip-joint pliers tool (J-41454).

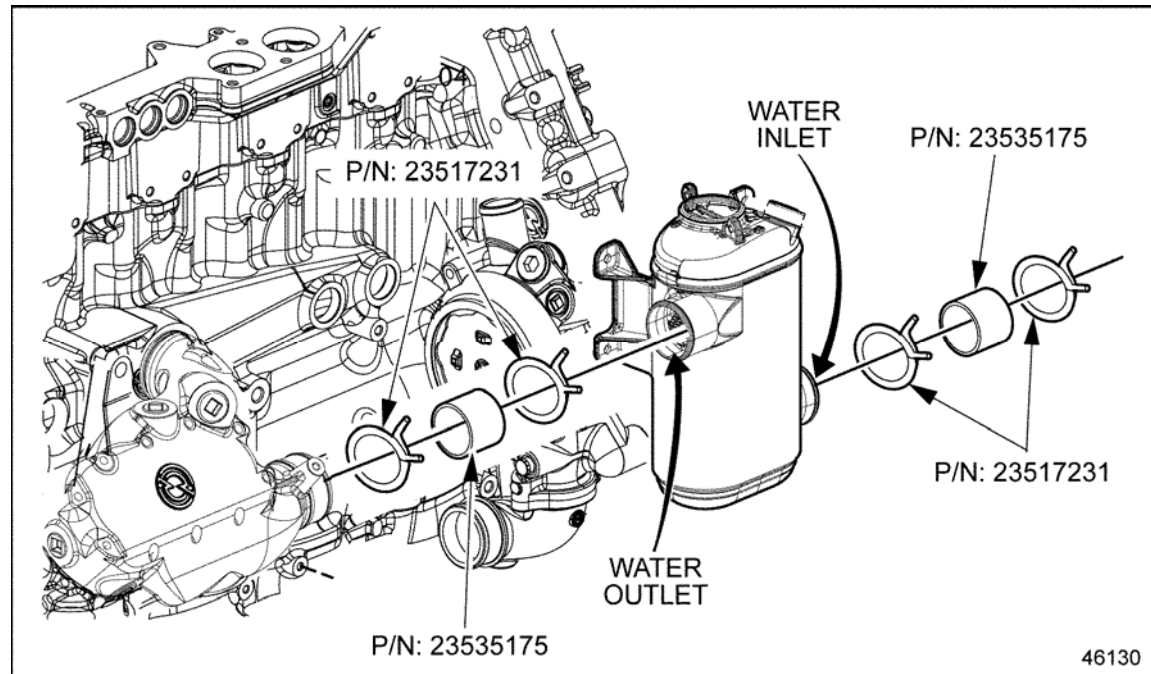


Figure 2 Hose and Spring Clamp Kit for EGR Cooler

NOTE:

Use Kent-Moore® slip joint pliers tool (J-41454) to remove spring wire clamps. Use the larger slip joint on the tool when removing 2.50 in. or 2.75 in. I.D. spring wire clamps.

INSTALLATION PROCEDURE

Use the following procedure to install constant tension clamps:

1. To insure proper sealing of the hose against the connection, make sure the O.D. of the fitting is clean and free from scale or rust before hose installation. Replace component if damaged or deteriorated.
2. Position the constant tension clamp on the hose. See Figure 3.

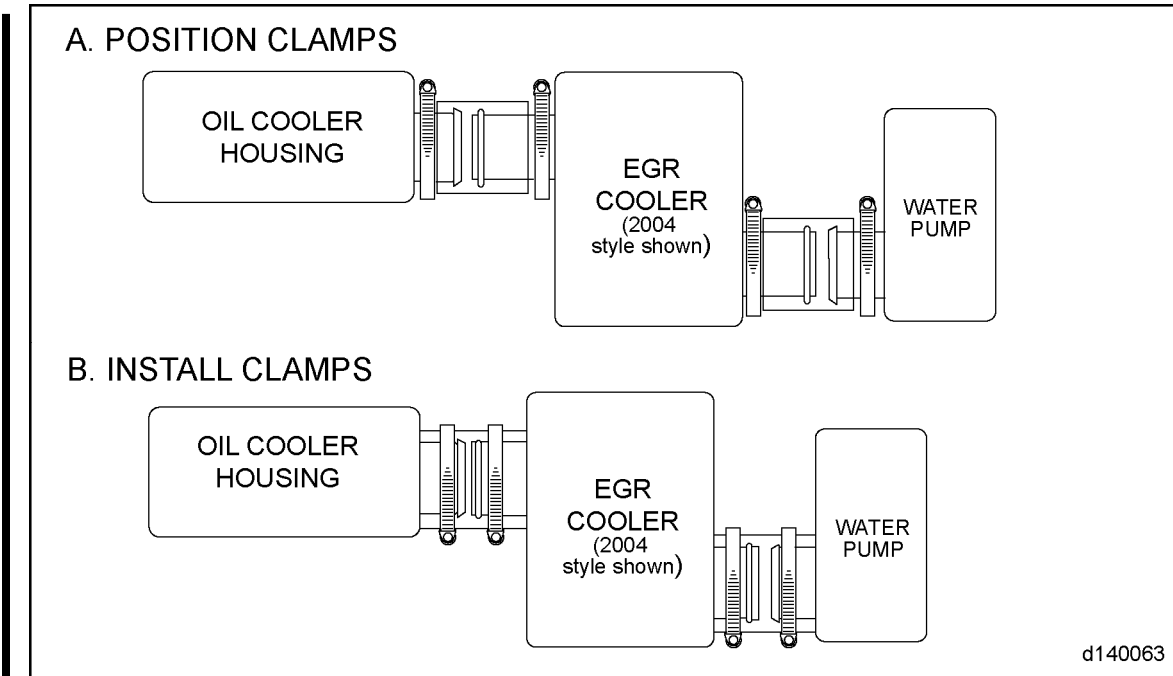


Figure 3 Installing Constant Tension Clamps on Multiple Connections

3. Position the hose on the component connection.
4. Move the clamps into position on the hose. Make sure clamps are up against the bead on the inboard side of the connection, but not on top of it. Torque the clamps to 10 N·m (90 in.·lbs).



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