

## **Installation Instructions for 50935**

### **Electric Water Pump**

for 5.9L Cummins Diesel

**Read All of the Instructions Before Beginning the Installation.**

**To get the most out of your NEW Water Pump, follow these installation recommendations:**

#### **Mounting Instructions:**

- 1) Before working on the engine, disconnect the battery ground cable.
- 2) Flush entire cooling system. Remove the accessory drive belt and the old water pump to be replaced, if so equipped.
- 3) Once the old pump is removed, thoroughly clean all mounting surfaces.
- 4) No paper gasket will be needed for this installation. The pump is supplied with a rubber mounting gasket. However before installation, apply a small amount of sealant to rubber gasket then align pump to bolt holes in block.
- 5) Start all bolts loosely, snug and then tighten.

#### **Accessory Drive Belt Installation:**

- 1) Once the pump is secure to the block you will need to replace the belt with approximately a 7" shorter belt (Dayco part# 5080740 or Gates part# K080740)
- 2) Belt routing will vary from stock, see diagram "A" below for new belt routing.

#### **Connecting Electric:**

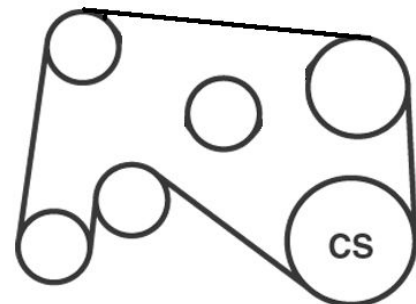
- 1) The **Blue** wire connects to an on/off battery positive (+) switch (sold separately).
- 2) The **Black** wire connects to suitable chassis ground or battery negative (-).  
**(Note: Remember to reconnect battery ground).**

#### **Fill Procedure:**

- 1) Fill the cooling system and inspect for leaks.
- 2) Once the system is full, replace the fill cap and turn on the pump.
- 3) While the pump is running, remove the fill cap and top off coolant level.
- 4) Start the engine and run until it reaches normal operating temperature.
- 5) Check for smooth operation.
- 6) Turn engine off and recheck coolant level.

#### **Parts List:**

- 1- Electric Water Pump
- 2- 8MM x 1.25 x 30MM Stainless Steel Button Head Cap Screws
- 1- Wire Harness
- 1- Rubber Gasket



**DIAGRAM 'A'**