



SEAL KIT ELECTRIC WATER PUMP P/N 97275

This kit contains the parts necessary to replace the seal in the Moroso Big Block Mopar Electric Water Pump p/n 63575.

PARTS LIST

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|------------|--------------------|
| 1 – Seal | 1 – Seal Protector |
| 1 – Gasket | 2 – Set Screws |

INSTALLATION INSTRUCTIONS

Let engine cool before removing water pump for rebuilding.

1. Disconnect the Black Ground and Red 12V wires.
2. Remove the 4 socket head bolts attaching the water pump to the engine and remove the pump assembly.
3. Using a heat gun or propane torch, very carefully apply heat to the Allen-Head Set Screws in the Impeller to loosen the thread locking solution and remove the Set Screws. Only apply heat momentarily to avoid damage.
4. While wearing gloves to protect your hands from the heated piece, remove the Impeller from the shaft. If the Impeller is difficult to remove, apply heat momentarily to the shaft.
5. Wrap electrical or other tape around the line of the Water Pump Motor and the End Cap to keep the two pieces together when it is removed from the mounting plate. This line is located where the electrical wires are sealed through the Water Pump Motor, (see diagram).
6. Remove the 4 flat head screws from the Water Pump Motor End Cap and separate the motor assembly from the Aluminum Plate.
7. Place the Aluminum Plate on a flat surface. Using a punch, carefully drive out the Seal without damaging the Plate surface and the seal wall. Coat the inside of the seal wall with Loctite Black Max Adhesive, set the new Seal into place with the spring side facing down. Press Seal into place using an arbor press or similar type of press, until it is beyond the weep-hole.
8. Place the Seal Protector on the end of the shaft and slide the Aluminum Plate over the shaft.
9. Align the Moroso logo and electrical wires on the Pump Motor facing upwards and the weep-hole in the Aluminum Plate facing downwards, (see diagram). Apply a thread locking compound to the ends of the 4 flat head screws and re-tighten the Pump Motor to the Plate. Remove electrical tape.
10. Set the Impeller onto the shaft with the vanes facing away from the motor and line up the Set Screw holes with the detents on the shaft. This should have the Impeller about 15/16" over the Aluminum Plate, (see diagram).
11. Apply a thread locking compound on the new Set Screws and secure the Impeller into place. The Set Screws should be flush with the hub when installed properly into their detents.
12. Clean away any old gasket material from the engine or water pump. Install assembled Water Pump with supplied Gasket and the 4 socket head bolts. Re-connect electrical connections.

***For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 8:30am – 5:00pm Eastern Time***

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