2010 Chevy Truck Equinox AWD V6-3.0L Copyright © 2012, ALLDATA 10.52SS Page 1

## Water Pump: Service and Repair

Water Pump Replacement (LF1)

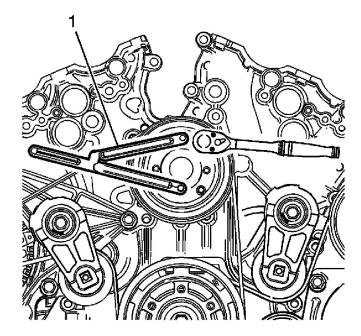
## Tools Required

EN 46104 - Water Pump Pulley Holder

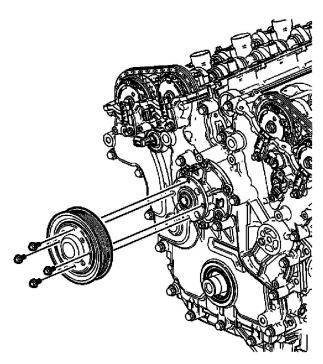
For equivalent regional tools refer to Special Tools (See: Cooling System/Tools and Equipment)

## Removal Procedure

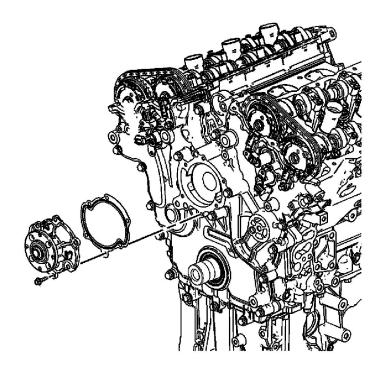
- 1. Drain the cooling system. Refer to Cooling System Draining and Filling (Static) (See: Cooling System/Service and Repair/Cooling System Draining and Filling (GE 47716) (See: Cooling System/Service and Repair/Cooling System Draining and Filling (GE 47716))
- 2. Remove the generator drive belt. Refer to Drive Belt Replacement (See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair)



3. Use the EN 46104 - water pump pulley holder to retain the pulley.

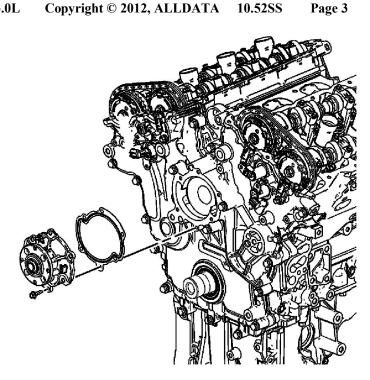


- 4. Remove the water pump pulley bolts.5. Remove the water pump pulley.



- 6. Remove the water pump bolts.
- 7. Remove the water pump.
- 8. Remove and DISCARD the water pump seal.9. Carefully clean the water pump sealing surfaces.

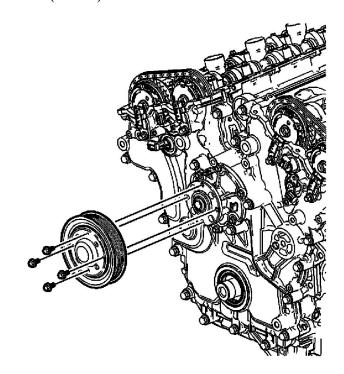
## **Installation Procedure**



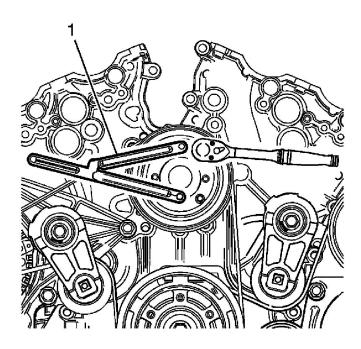
- 1. Install a NEW water pump seal.
- 2. Install the water pump.

Caution: Refer to Fastener Caution (See: Service Precautions/Vehicle Damage Warnings/Fastener Caution)

3. Install the water pump bolts and tighten to 10 Nm (89 lb in).



4. Install the water pump pulley and the water pump pulley bolts.



- 5. Use the EN 46104 water pump pulley holder to hold the pulley.
- 6. Install the water pump pulley bolts and tighten to 12 Nm (108 lb in).
- 7. Install the generator drive belt. Refer to Drive Belt Replacement (See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair)
- 8. Fill the cooling System. Refer to Cooling System Draining and Filling (Static) (See: Cooling System/Service and Repair/Cooling System Draining and Filling (Static))Cooling System Draining and Filling (GE 47716) (See: Cooling System/Service and Repair/Cooling System Draining and Filling (GE 47716))