



**NISSAN Electric Water Pump Kit  
WPK510  
1990-2001 2.0 liter SD20 DE**

**In The Box**

- 1 Electric Water Pump
- 1 Pump Mounting Bracket
- 1 Wiring Harness W/ 30 Amp Fuse
- 1 Pump Cavity Block off Plate with O-Ring
- 2 5/16 - 18 Stainless Socket Head Bolts
- 2 5/16 An Washers
- 2 Hose Clamps
- 2 Hose Adapters Wp12125
- 2 -12an O-Rings
- 1 Toggle Switch
- 2 T-Taps 10-12ga.
- 2 Male Spade Crimp Connectors
- 3 Ring Terminal Crimp Connectors
- 2 Contingency Stickers

**To Do the Job**

- Lug wrench
- Metric sockets and wrenches?
- Jack and jack stands
- 1/4 hex socket or wrench
- Utility knife
- Electrical crimps and pliers
- Flat blade screwdriver or 8mm. nut driver
- 14 gauge wire

**Disassembly**

1. Loosen lug nuts on right front wheel.
2. Drain coolant from radiator and engine block
3. Remove water pump pulley bolts and pulley
4. Remove drive belts
5. Remove right front wheel, engine side cover and front cover
6. Remove three lower water pump bolts
7. Position jack to support engine and remove front engine mount
8. Remove remaining bolts and water pump

**Block Off Plate**

1. Clean and degrease sealing surface on engine.
2. Install o-ring in block off plate, use a small amount of Vaseline (petroleum jelly) to hold the o-ring in place
3. Bolt the block off plate in place using the factory water pump bolts.
4. Tighten bolts from the center out.
5. Reinstall engine mount, engine covers and right front wheel.

**WARNING: NOT USING A FUSE CIRCUIT CAN VOID YOUR WARRANTY.**