REMOVAL

WARNING: DO NOT RUN THE ENGINE WHILE THE PROTECTIVE COMPONENTS ARE REMOVED.

1. Remove the air cleaner.
2. Drain the cooling system.

3. Remove the front air deflector.
   a. Remove the screws.
   b. Remove the front air deflector

4. Remove the upper radiator hose from the radiator.
5. Remove the radiator coolant recovery reservoir hose from the radiator.
   a. Release the (A) hose clamp and slide it away from the end of the (B) hose.
   b. Slide the (A) radiator coolant recovery reservoir hose off the (B) radiator fitting.

6. Remove the fan blade assembly and fan clutch.
   a. Use Fan Clutch Holding Tool to hold the water pump pulley steady.
   b. Use Fan Clutch Wrench to remove the fan blade and the fan clutch.
   NOTE: The fan clutch has RH threads.
7. Remove the fan shroud.
   a. Remove the fan shroud screws.
   b. Lift and remove the fan shroud.

8. Remove the fan blade and fan shroud out of the vehicle together.

9. Separate the fan clutch from the fan blade assembly.
   a. Remove the fan clutch bolts.
   b. Separate the (A) fan blade assembly from the (B) fan clutch.
INSTALLATION

1. Assemble the fan clutch to the fan blade assembly.
   a. Position the (A) fan clutch on the (B) fan blade assembly.
   b. Install the four fan clutch bolts.

2. Position the fan shroud and the fan blade assembly.

3. Install the fan shroud.
   a. Lower the fan shroud onto the radiator clips.
   b. Install the two fan shroud screws.
4. Install the fan blade assembly and the **fan clutch**.

   a. Position the fan blade assembly and the **fan clutch** on the **water pump** pulley.
   b. Use **Fan Clutch Holding Tool** to hold the **water pump** pulley steady.
   c. Use **Fan Clutch Wrench** to install the fan blade assembly and fan clutch.  
      **NOTE:** The **fan clutch** has LH threads.

5. Connect the radiator coolant recovery reservoir hose to the **radiator**.

   a. Push the (A) radiator coolant recovery reservoir hose onto the (B) **radiator** fitting.
   b. Position and tighten the hose clamp.

6. Connect the upper radiator hose to the **radiator**.
7. Install the front air deflector.
   a. Position the front air deflector.
   b. Install the ten front air deflector screws.

8. Fill the cooling system.

9. Install the air cleaner.