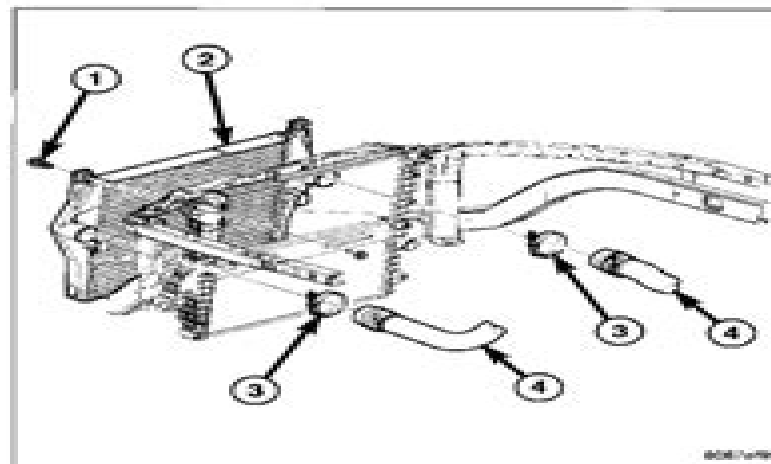
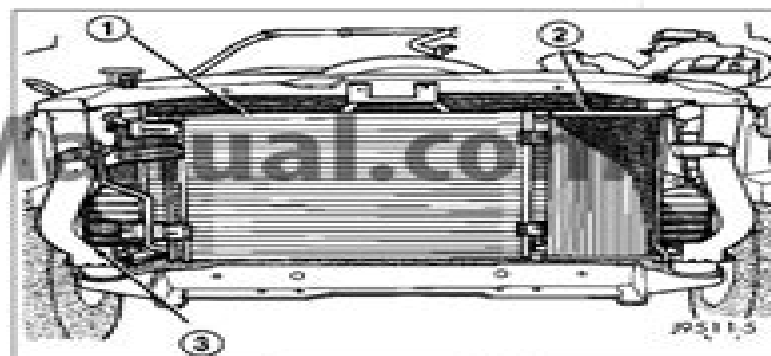


25. Install upper fan shroud brackets, but do not tighten fasteners at this time.
26. Connect the engine block heater connection.
27. Connect the A/C compressor and pressure sensor connectors.
28. Install the charge air cooler (2). Install and tighten the charge air cooler mounting bolts (1) to 2 N·m (17 in. lbs).
29. Connect the charge air cooler tubes (4). Torque all clamps to 8 N·m (72 in. lbs).



30. Install the a/c condenser (1).
31. Connect the a/c refrigerant lines to the a/c condenser.
32. Install the radiator upper support panel.
33. Install radiator.
34. Connect the transmission quick-connect oil cooler lines.
35. Raise vehicle.
36. Connect a/c compressor suction/discharge hose (if equipped).
37. Install the radiator lower hose and clamps.
38. Install the battery negative cables to the engine block on the driver and passenger side.
39. Install the transmission adapter with a new camshaft rectangular ring seal. Torque to 77 N·m (57 ft. lb).
40. Install the flywheel and adapter or flexplate. Torque to 137 N·m (101 ft. lb).



NOTE: If the engine is equipped with a flexplate or crankshaft adapter, a new clamp ring must be used. If the engine has a flywheel with washers, the washers can be reused.

41. Install the starter motor (2). Torque to 43 N·m (32 ft. lb). (Refer to 8 - ELECTRICAL/STARTING/STARTER MOTOR - INSTALLATION).
42. Connect engine to vehicle harness connectors.
43. Install the transmission and transfer case (if equipped).
44. Using a new clamp, connect the exhaust pipe to the turbocharger elbow.
45. Connect the transmission auxiliary oil cooler lines (if equipped).
46. Lower the vehicle.
47. Connect the heater core supply and return hoses.

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