



**BAVARIAN AUTOSPORT**

# 2002 Radiator Upgrade Installation Instructions

**SAFETY WARNING:** Be sure the engine and cooling system are cool before removing the radiator cap or any coolant hoses.

**NOTE:** These instructions will assume that the installer is familiar with the standard radiator replacement procedures and has access to the appropriate service manuals for the applicable BMW models. Service manuals are available from Bavarian Autosport.

**1600**

thru 76

**PARTS LIST:**

17 11 1 061 KIT

**2002**

thru 76

**PROCEDURE:**

1. Open the engine hood.
2. Drain and remove the radiator from the vehicle.
3. Determine an appropriate position for the new radiator and mark the locations for the four mounting ears, on the vehicle's radiator support. Double check the marked locations for any wire, tubes or other obstructions that may be on the front side of the radiator support.
4. Using an 8mm ( $\frac{5}{16}$ ") drill bit, drill the marked mounting holes in the radiator support. NOTE: be sure you are not drilling into any wiring, tubing or other assemblies or obstructions.
5. Touch up the drilled holes with primer or other paint to prevent rusting.
6. Assemble the mounting hardware to the radiator in the following sequence:
  - Slide a flat washer onto the bolt.
  - Slide the bolt through the radiator mounting ear, from the rear-toward the front of the radiator.
  - Cut a section of the rubber hose which is long enough to space the radiator about  $\frac{1}{4}$ " from the radiator support when the hose is slid over the threaded end of the bolt-up against the radiator mounting ear. Slide the hose piece over the bolt.
  - Assemble the mounts for all four mounting ears.
7. Mount the radiator to the vehicle's radiator support by pushing the exposed ends of the bolts through the drilled holes. Slide a flat washer over the end of the bolt protruding through the holes in the radiator support. Thread on a lock nut. Assemble and tighten all four mounts. Tighten the nuts just enough to compress the rubber tubing to the point where the radiator is secure and not able to move easily.
8. Fit the new lower radiator hose between the thermostat and the lower radiator nipple. Trim the hose as needed.
9. Finish assembling the coolant hoses and any other parts, which were removed.
10. Fill the system with the appropriate mix of water & antifreeze, bleed as required and check for leaks.



Call Toll Free: **1.800.535.2002**