



'03-'04 Ford Mustang Cobra Heat Exchanger Installation Instructions

Part Number: 80275NDP



Removal of Factory Unit Heat Exchanger

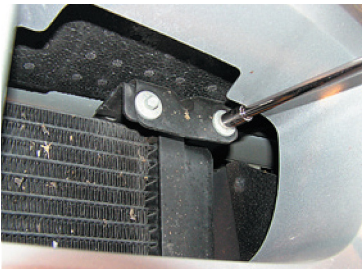
1. Disconnect the negative battery terminal.
2. Remove the lower, inner fascia fasteners and pull the fascia down below the air deflector. You can also remove the lower screw in front of the wheel well (see pic below) to aid in panel flex while doing the installation.



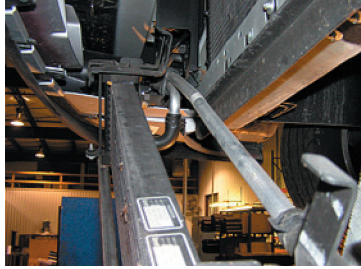
3. Remove the 2 bolts securing the power steering cooler and lower the cooler out of the way.



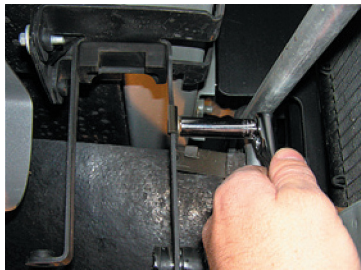
4. Remove the (4) bolts securing the factory heat exchanger to the front mounting brackets.



5. Move the assembly toward the radiator to unhook it from the back of the bumper and then gently lower it to gain access to the hoses.



6. Disconnect the lower hose to drain the coolant.
7. Disconnect the upper hose.
8. Remove the nut securing the hose bracket to the passenger side heat exchanger bracket.



9. Remove the heat exchanger assembly from the vehicle.
10. Disconnect the heat exchanger hose from the coolant pump.



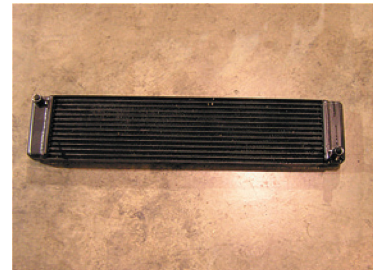
11. Disconnect the heat exchanger outlet hose from the engine. It is connected to a steel line just below the A/C compressor. You will disconnect the lower of the two hoses.



12. Disconnect the wiring harness from the passenger side driving light.
13. Remove the hose assembly from the vehicle.



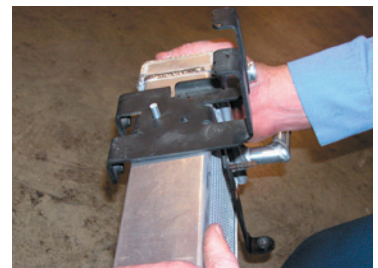
14. Remove the factory bracket assembly from the factory heat exchanger by removing the (4) bolts from the bottom bracket.



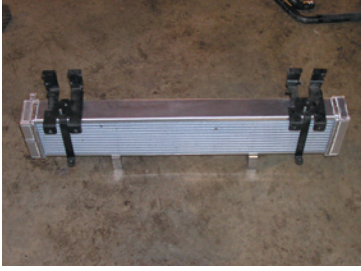
15. Remove the 2 rubber cushions from the top bracket. Leave the lowers in place.

Installation Instructions for 80275NDP

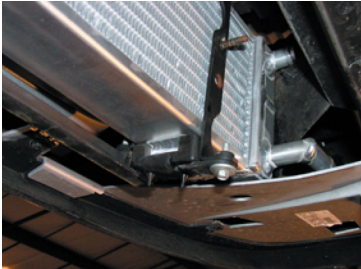
16. Put the factory upper brackets on the AFCO Heat Exchanger, inserting the dowel pins on the heat exchanger into the holes that attached the rubber cushion you removed in step 15. The "hook" on the bracket goes to the rear (hose side) of the heat exchanger. See pic below.



17. Install the lower bracket. It will mount just like it did on the factory unit. Install the (4) bolts and tighten.



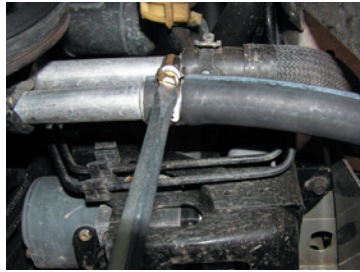
18. Install the AFCO Heat Exchanger assembly into the vehicle just like the factory unit was installed. Install the (4) bolts from the grill opening and tighten.



19. Position the molded hose so the 90 degree end attaches to the top fitting on the heat exchanger and the "elbow" end attaches to the coolant pump. Install and tighten the clamps.



20. Loop the straight 34" piece of hose through the opening in front of the radiator, out below the coolant pump, back through the opening in the splash shield and connect one end to the metal line just below the A/C compressor and install the hose clamp.



21. Attach the other end to the lower fitting on the heat exchanger. Install and tighten the clamp.



22. Reposition and attach the RH shield next to the heat exchanger hose connections.



23. Install the black wire tie to prevent the lower hose from rubbing on the splash shield.



24. Reconnect the passenger side driving light

25. Remount the power steering cooler.

26. Reinstall all the fasteners on the lower fascia and the wheel well screw if removed.

27. Slowly refill the system with coolant. Refilling slowly lessens the possibility of trapping air.

28. Run the vehicle at idle until the pump is activated. Activation is controlled by a timer and temperature, so be patient. Add coolant if necessary.

Completed System

