



INSTALLATION INSTRUCTIONS

Accessory

ATF AND POWER STEERING
FLUID COOLERS

Application

2003 MDX

Publications No.

BII 24539

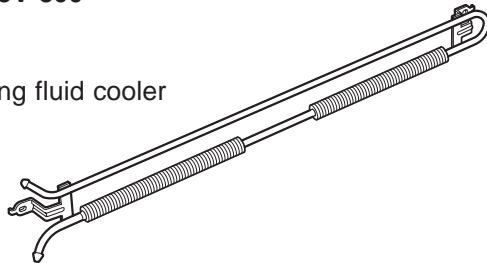
Issue Date

DEC 2002

PARTS LIST

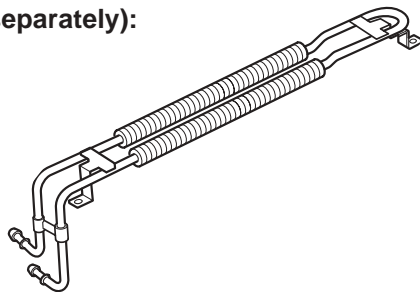
**Power Steering Fluid Cooler (sold separately):
P/N 53765-S3V-800**

Power steering fluid cooler

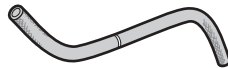


**ATF Cooler (sold separately):
P/N 06255-RDJ-305**

ATF Cooler



Long ATF Hose



Short ATF Hose



Hose spacer



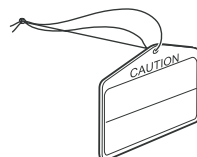
2 Washer-bolts, 6 x 12 mm



3 Hose clamps



Rearview mirror hang-tag



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Flat-tip screwdriver

10 mm Socket

Ratchet

6" Extension

Torque wrench

Drain pan

Pliers

Blanket

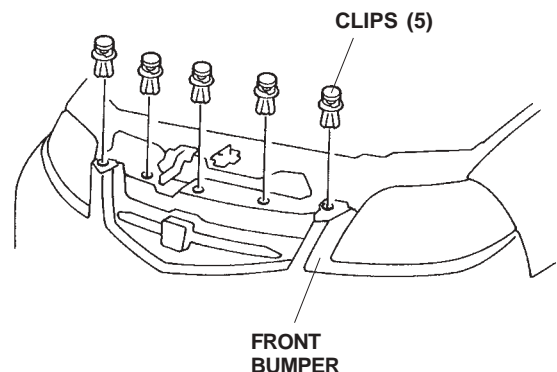
INSTALLATION

Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

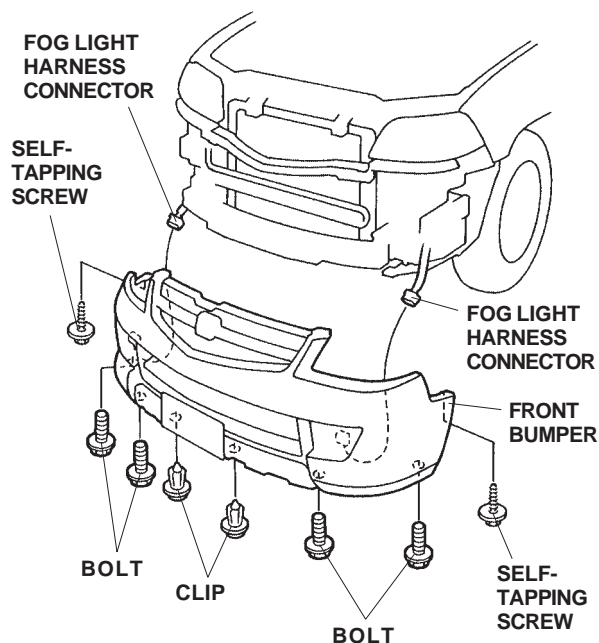
NOTE:

- Be careful not to damage the front bumper and other finished surfaces of the body. Rest the front bumper on a blanket during the installation.
- Install the power steering fluid cooler before you install the ATF cooler.

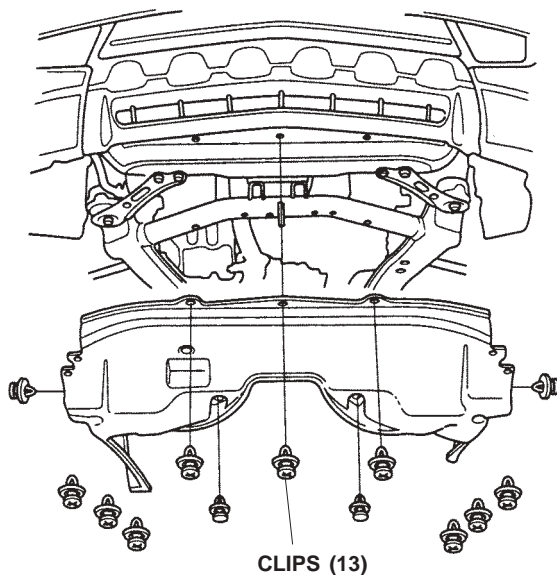
1. Open the hood, and remove the five clips that secure the top of the front bumper.



2. Remove the two self-tapping screws, the two clips, and the four bolts that secure the front bumper.

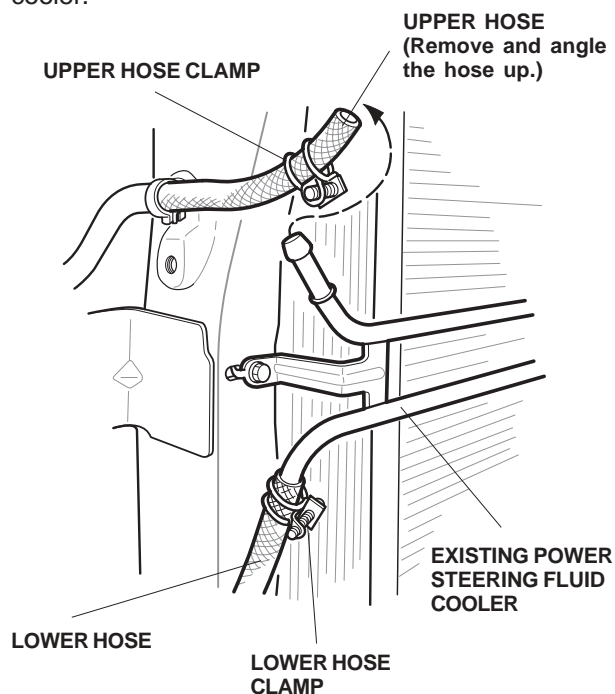


3. Pull the front bumper out toward you, then disconnect the fog light harness connectors. Remove the front bumper, and rest it on a blanket.
4. Remove the splash shield (13 clips).

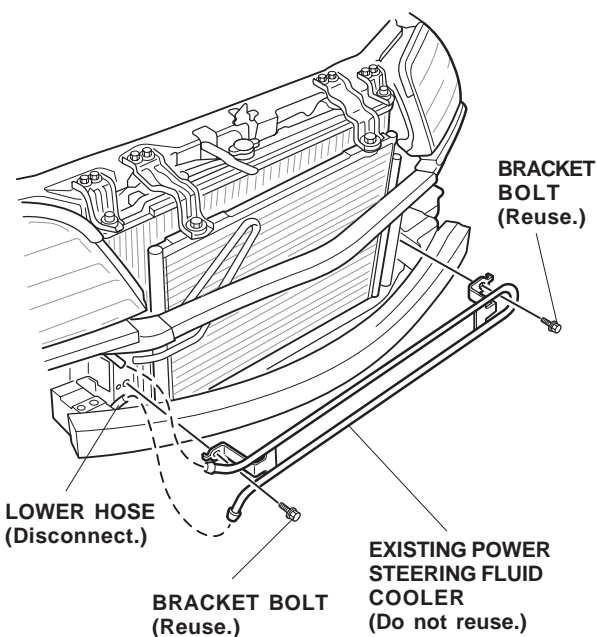


Installing the Power Steering Fluid Cooler

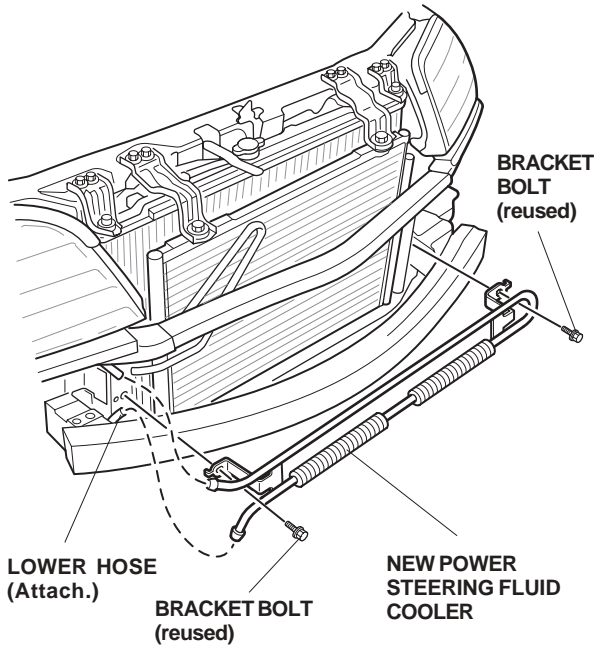
5. Loosen the upper and lower hose clamps connected to the existing power steering fluid cooler.



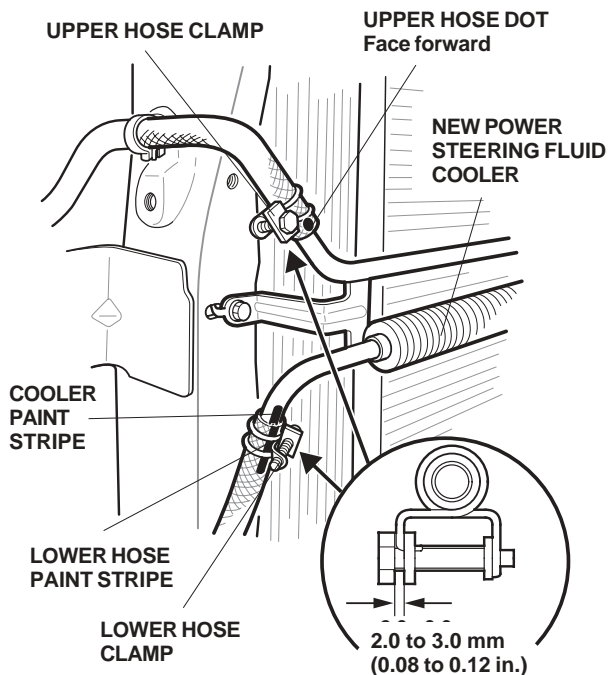
6. With a drain pan under the vehicle, remove the upper (reservoir) hose from the cooler. Angle the hose up to prevent any excess fluid from leaking out.
7. With an assistant holding the power steering fluid cooler, remove the two bracket bolts, disconnect the lower hose, and remove the cooler. Set the cooler aside; it will not be reused.



8. Attach the lower hose to the new power steering fluid cooler, and fit the cooler into position on the front bulkhead. Reinstall the two bracket bolts, and torque the bolts to 11 N·m (8 lb-ft).



9. Reinstall the upper hose. Make sure that the hose is pushed firmly against the stopper on the cooler and that the dot on the upper hose is facing forward. Tighten the upper hose clamp to the specification shown.

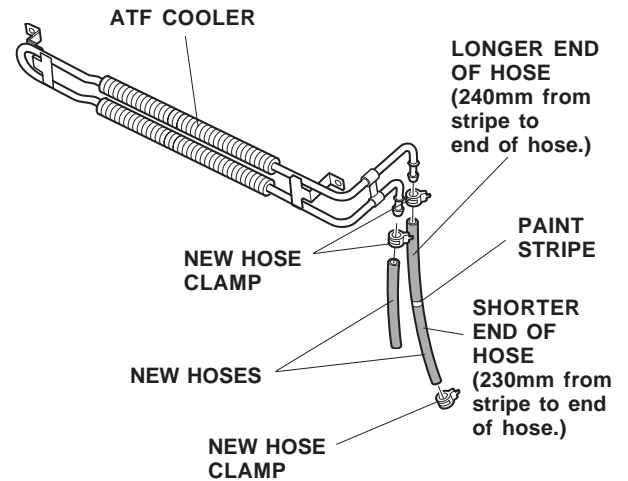


10. Align the paint stripe on the lower hose with the paint stripe on the cooler, then tighten the lower hose clamp to the specification shown.

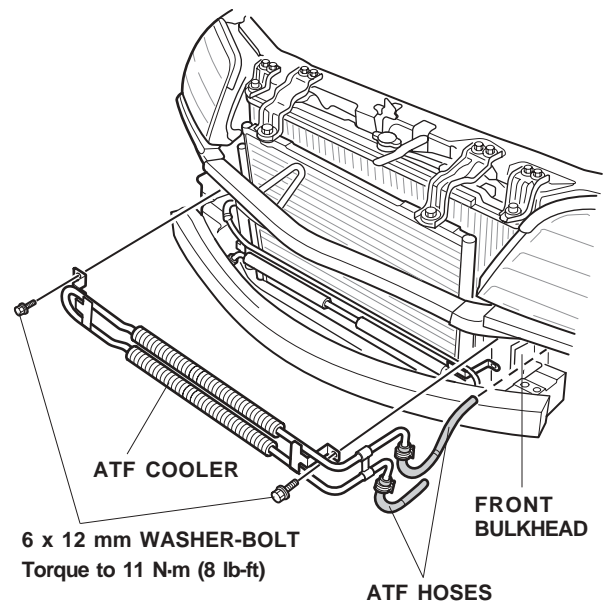
Installing the ATF Cooler

11. Get the ATF hoses and the ATF cooler. Attach the new hoses to the cooler as shown.

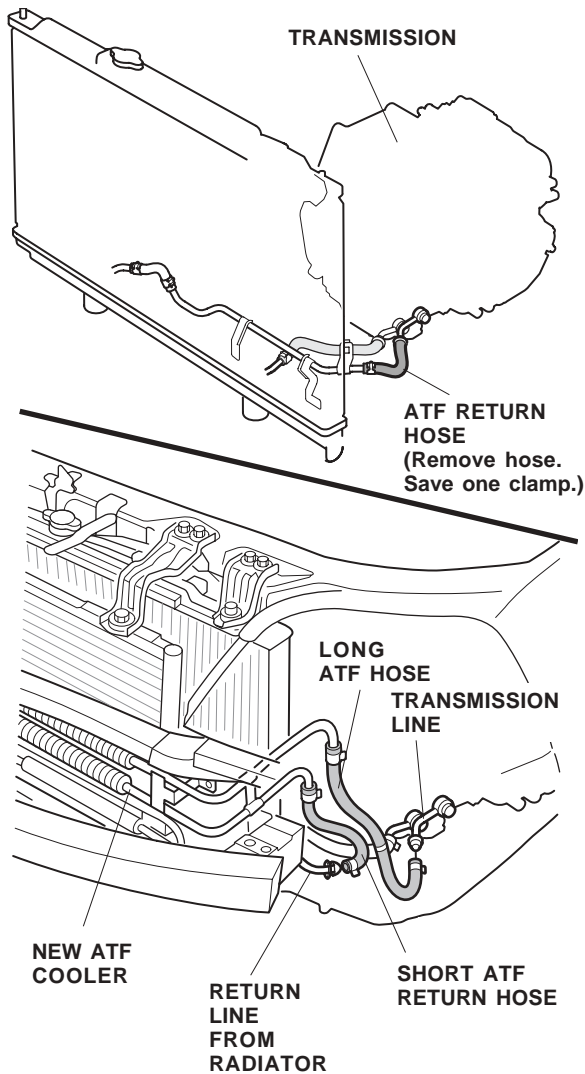
NOTE: If four new hose clamps are not supplied with the kit, it will be necessary to reuse one of the existing hose clamps.



12. Route the hoses installed on the ATF cooler through the bulkhead, and fit the ATF cooler into position on the front bulkhead. Install the two 6 x 12 mm washer-bolts from the kit through the ATF cooler and into the threaded holes in the front bulkhead. Torque the bolts to 11 N·m (8 lb-ft).

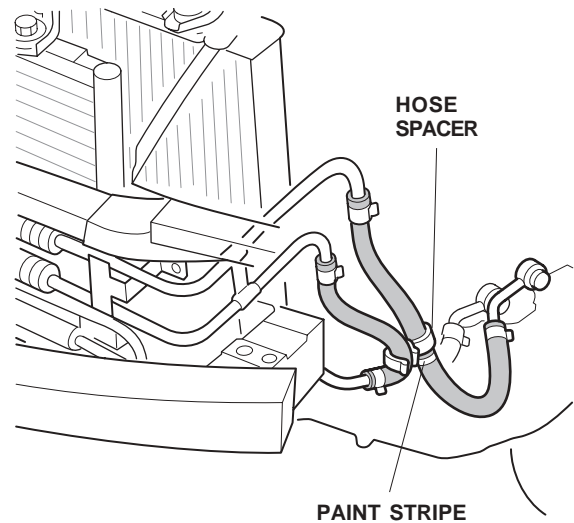


13. Remove the ATF return hose from the transmission, and from the radiator transmission cooler. Set the existing hose aside; it will not be reused. Attach the short ATF hose (return hose) from the new cooler to the radiator return hose fitting and secure with an existing hose clamp.



14. Attach the long ATF hose to the transmission line where you removed the return hose using one new hose clamp.

15. Attach the hose spacer between the two ATF hoses.



16. Start the engine, and check for fluid leaks; repair as necessary.
17. Check the ATF fluid level, and refill as necessary.
18. With the engine running at fast idle, turn the steering wheel all the way clockwise and all the way counterclockwise one time; then turn back to the straight-ahead position. Recheck the power steering fluid level, and refill as necessary.
19. Perform an outside test drive of the vehicle involving vehicle turning, and lock to lock steering conditions. During the test drive, listen for any noise or any abnormal feeling in the steering. After the test drive, check the reservoir fluid level, and inspect for any fluid leaks. Refill as necessary.
20. Reinstall the front bumper. Make sure you plug in the fog light connectors.
21. Reinstall the splash shield.
22. Place the ATF cooler hang-tag around the rearview mirror.