

GROUP 23

AUTOMATIC TRANSMISSION

GENERAL

OUTLINE OF CHANGE(S)

The hose clips have been modified. Therefore, service procedure has been added.

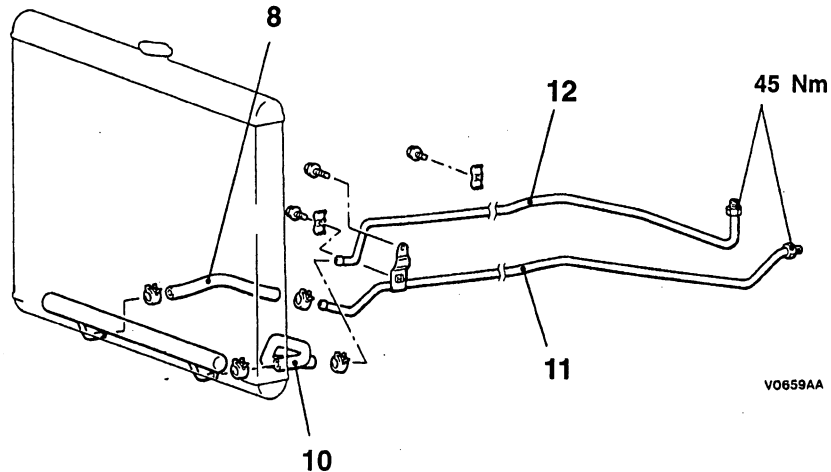
TRANSMISSION OIL COOLER

REMOVAL AND INSTALLATION

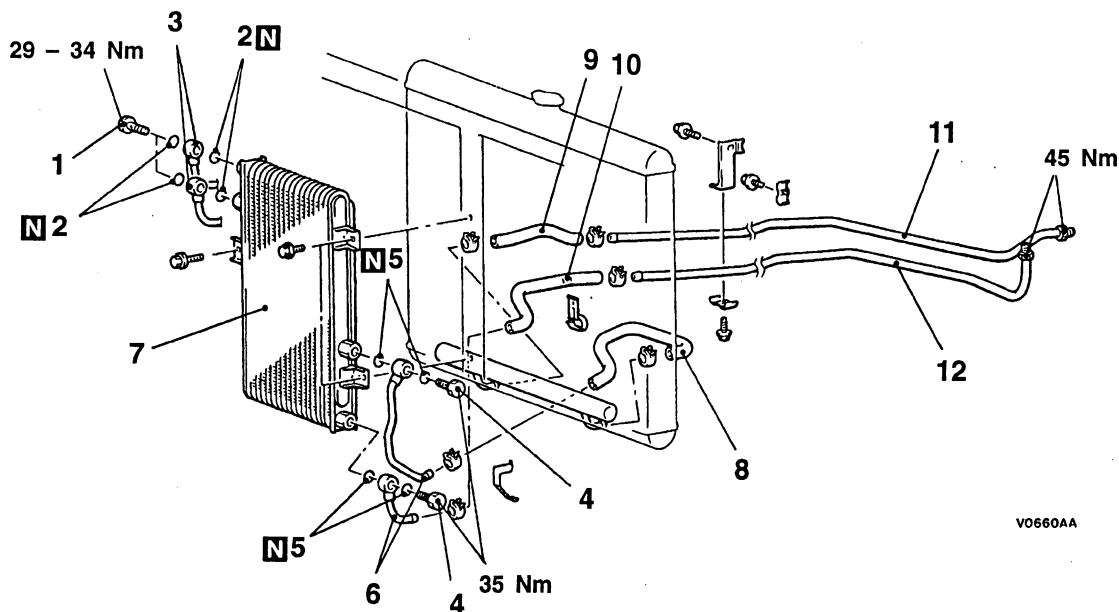
Pre-removal and Post-installation Operation

- Radiator Grille Removal and Installation (Refer to GROUP 51.) <4WD>
- Transmission Fluid Draining and Supplying
- Skid Plate, and Front Under Cover Removal and Installation

<2WD>



<4WD>



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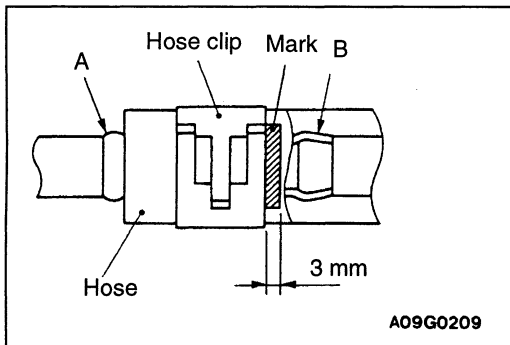
Removal steps

1. Eye bolt (for engine oil cooler)
2. Gaskets (for engine oil cooler)
3. Engine oil cooler tube assembly connection
4. Eye bolts (for transmission oil cooler)
5. Gaskets
6. Transmission oil cooler tube assembly connection

- | | |
|-----|------------------------|
| ▶B◀ | 7. Oil cooler assembly |
| ▶B◀ | 8. Return hose (A) |
| ▶B◀ | 9. Return hose (B) |
| ▶B◀ | 10. Feed hoses |
| ▶A◀ | 11. Return tubes |
| ▶A◀ | 12. Feed tubes |

INSTALLATION SERVICE POINT**►A◄ FEED TUBE/RETURN TUBE INSTALLATION**

1. Temporarily tighten the feed tube flare nut and return tube flare nut to the transmission assembly.
2. Connect the return hose to the return tube, and feed hose to feed tube. (Refer to ►B◄ FEED HOSE/RETURN HOSE (B)/RETURN HOSE (A) INSTALLATION.)
3. Temporarily tighten the clamps, starting from the nearest one to the transmission assembly.
4. Securely tighten the feed tube flare nut and return tube flare nut.

**►B◄ FEED HOSE/RETURN HOSE (B)/RETURN HOSE (A) INSTALLATION**

1. Connect the feed hose, return hose (B) and return hose (A) with the mark upwards.
2. Insert the hose up to bulge A on the nipple and tube, as shown.
3. Attach the hose clip at the position being sure that it is not on top of bulge B, as shown.