

2012 - Mazda6 - Transmission/ Transaxle

AUTOMATIC TRANSAXLE DISASSEMBLY/ ASSEMBLY PRECAUTION [AY6A-EL]

- The following are precautions that must be followed when performing transaxle disassembly/assembly.

1. Handle electronic parts with care

- Do not pull the wiring harness forcibly when disconnecting the connector. Unlock the lock first and pull the connector.
- When connecting the connector, verify to insert it until it is properly locked. (Verify that a click sound is heard.)
- Do not shock electronic parts. Replace with new parts if they have been dropped or subjected to shock.

2. Prevent foreign matter from penetrating

- Be sure to remove foreign matter such as dust and sand from the transaxle before removing parts.
- Protect removed parts from dust with an object such as a vinyl sheet.
- Do not use cotton work gloves or shop rags as frayed strings might get caught in the unit. Thus work with bare hands or use vinyl gloves.

3. Prevent scratching

- Do not pry with a flathead screwdriver forcibly. Slightly hit the case with a plastic hammer when separating component cases at seams.
- Do not pull the valve forcibly.
- Be careful not to get the wire harness caught between parts during installation.

4. Prevent incorrect installation and lack of or missing parts

- Be careful not to install parts incorrectly or lose parts since there are similar types of O-rings, snap rings, bearings and races. Take great care for straightening parts and checking installation direction.
- Be careful not to drop small parts such as check balls or lose them during installation.

5. Wash parts and apply oil

- Wash each part before installing and dry using compressed air, and then apply the specified ATF type Mazda Genuine JWS3309.
- Soak disks in ATF type Mazda Genuine JWS3309 before installing. In particular, soak new disks for **2 h or more** so that the oil seeps into the lining.
- If the thrust bearing or race falls during installation, use a small amount of

yellow petrolatum grease.

- Apply ATF type Mazda Genuine JWS3309 to contact and rotating surfaces.
- Do not apply oil or drive the vehicle immediately after installing a part applied with sealant. Leave it for one hour or more.
- Do not wash aluminum parts or rubber parts with alkaline chemicals.
- Do not wash the rubber parts with white gasoline.

6. Handling ATF with care

- If you spill ATF on the floor, wipe it off immediately, as it is quite slippery and dangerous.
- Be sure to use Mazda Genuine JWS3309 type ATF.

[< Previous](#) [Next >](#)

[Back to Top](#)

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[< Previous](#) [Next >](#)

[Back to Top](#)

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