

# ATTENTION

YOUR WARRANTY DEPENDS ON YOUR ADHERENCE TO THESE GUIDELINES

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## AW55-50

Aisin 5-Speed Automatic Transmission

## INSTALLATION GUIDE

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### CHECKLIST

- Scan and record any codes stored in vehicle computer and resolve all engine codes **before** replacing transmission
- **DO NOT HOT FLUSH TRANSMISSION COOLER** - it must be replaced
- Thoroughly inspect flex plate for any cracks or damage - replace if necessary
- Inspect crank pilot bore for wear and apply a small amount of grease into bore to aid with torque converter installation
- Verify both dowel pins are present, clean, and in good condition - *critical for proper alignment*
- Compare replacement transmission and torque converter to original **before** installation
- Check torque converter bolt length - *too long of a bolt will damage the torque converter*
- Verify torque converter is properly and completely installed onto output shaft
- Do not tighten bell housing with force - torque converter may have shifted during installation
- Inspect and install Park-Neutral Position (PNP) Switch, Input Speed Sensor (ISS), and Output Speed Sensor (OSS)
- Fill transmission with supplied synthetic or OEM approved fluid

### GUIDELINES

Prior to installation of the replacement transmission, scan vehicle for engine and transmission codes, record all codes, and resolve all engine codes prior to transmission replacement. If you are not able to perform a scan, take the vehicle to a dealer. If any ABS or speed sensor codes are found, these problems must be repaired prior to transmission replacement.

Inspect the transmission wiring harness for damaged wires or connectors. Verify proper function of the entire electrical system including the battery, alternator, and, most importantly, the **vehicle grounds**.

This is an electronically-controlled transmission with a complex shift adapt system. The following information is **VERY IMPORTANT** to understand and perform correctly. Failure to do so may cause damage to your new transmission and/or be the main cause for transmission performance problems.

Schedule a TCM relearn with your local dealer. Aftermarket software is vehicle year-specific, therefore expensive and producing mixed results. You may want to build the cost of a TCM relearn into your estimate. **Proof of relearn will be required for your warranty.**

It may be necessary to drive the vehicle 200-400 miles for the shift adapts to be completed. Inform your customer of the additional mileage on the odometer.