

## Part Summary Data Sheet

# AISIN AW TR-60SN

PART NUMBERS 25741-29K, F-25741-TL29

## COMPLAINT

### SECONDARY COMPLAINTS

## Harsh downshifts, RPM surge on coast

- Overheated fluid
- Converter apply/release complaints
- Converter slip codes

## CAUSE

Bore wear at the TCC control valve and/or sleeve results in the converter remaining applied and transferring the shift shock. Loss of control also results in RPM fluctuation.

## CORRECTION

The Sonnax lockup clutch control valve kit corrects lost lube pressure and “unsynchronized” control timing caused by worn components in the lockup clutch control valve train and/or bore.

## Lockup Clutch Control Valve Kit

**25741-29K**

- Plunger Valve
- Plunger Sleeve
- Plunger Spring
- Lockup Clutch Control Valve
- Lockup Clutch Control Sleeve

**NOTE:** Also fits VW/Audi 09D.

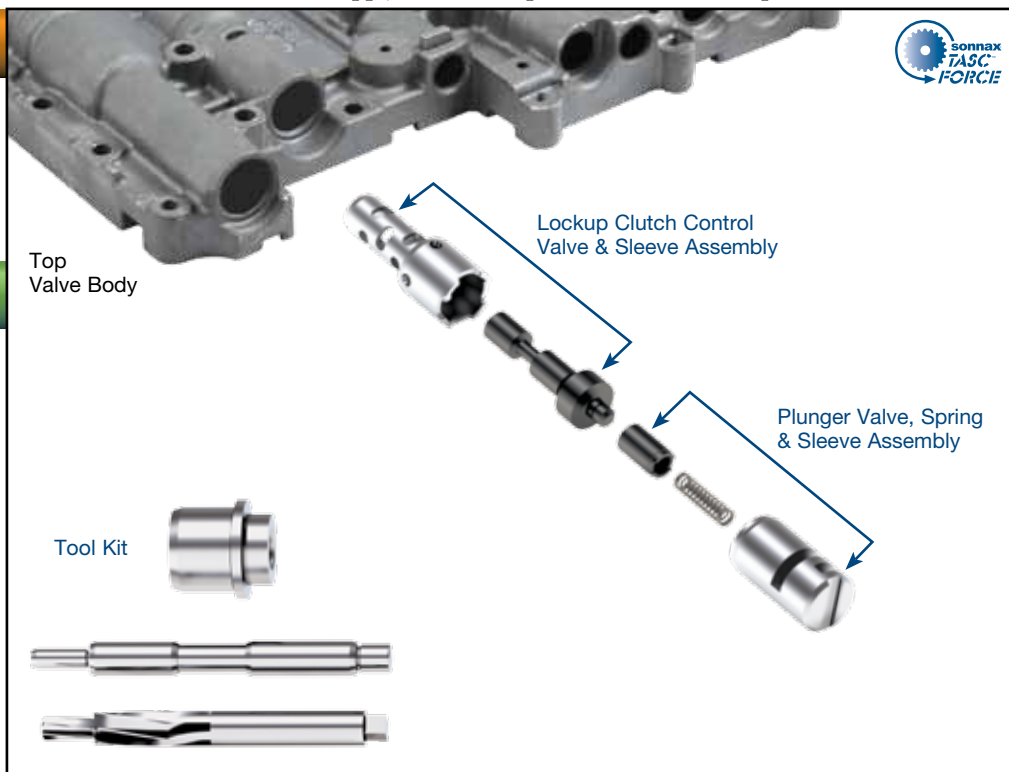


## Tool Kit

**F-25741-TL29**

- Reamer
- Reamer Jig
- Guide Pin

**NOTE:** Sonnax “F-Tool” kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions are available at [www.sonnax.com](http://www.sonnax.com).



Aisin AW TR-60SN transmission complaints associated with bore wear at the TCC lockup clutch control valve include harsh 2-3 and harsh coast downshifts. This is due to the converter clutch remaining applied. When bore wear delays TCC apply, the vehicle RPM may surge or set gear ratio codes due to high slip rates. Installing the Sonnax lockup clutch control valve kit **25741-29K** will restore correct lube pressure and valve control timing.

## Features & Benefits

- Salvages previously nonrepairable worn valve bodies and avoids expensive valve body replacement
- Highly wear-resistant sleeves provide additional support to the lockup and plunger valves
- Hard-coat anodized aluminum valves are wear-resistant and have more sealing contact with bore than OE to minimize leakage
- New spring maintains OE operating pressures and TCC timing

## You need this if...

A vacuum test at the indicated ports fails to yield 18 in-hg or greater, or if visual wear is detected.

