Instructions

Aisin AW 55-50SN, 55-51SN

# **Oversized Secondary Regulator Valve Kit**

# Part No. 59947-16K

- Valve
- Spring

NOTE: Also fits AF23/33 & RE5F22A units.

## **Tool Kit**

## Part No. F-59947-TL16

- 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 can be found online at www.sonnax.com.



## 1. Disassembly

- a. Remove all OE components from the bore.
- b. Save OE retainer plate and bolts for reuse.
- c. Discard valve and spring.

### 2. Bore Reaming

Ream secondary regulator bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-59947-TL16** and **VB-FIX** are required for this operation.

#### 3. Installation & Assembly

- a. Be certain all debris has been removed from the valve bore and valve body.
- b. Install Sonnax secondary regulator valve with spring pocket outboard.
- c. Install Sonnax spring into valve spring pocket.
- d. Reinstall OE retainer plate and bolts, securing Sonnax parts in place.

#### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg.

