

### Clutch Select Valve Spring Kit

#### Part No.

# 104740-02K


- Springs (2)

**NOTE:** Update for mid '10–earlier. Compatible with all models except early, 1st design 6L80 plate 24246916. Later vehicles will come equipped with this spring calibration from OEM. See identification guide (**Figure 2**) on page 2.

#### You need this if...

The OE springs at the clutch select valves match the specifications shown below.

OE Clutch Select Valve Spring Specifications	
Outside Diameter	.346"
Wire Diameter	.032"
Free Length	.944"
Total Coils	8.5

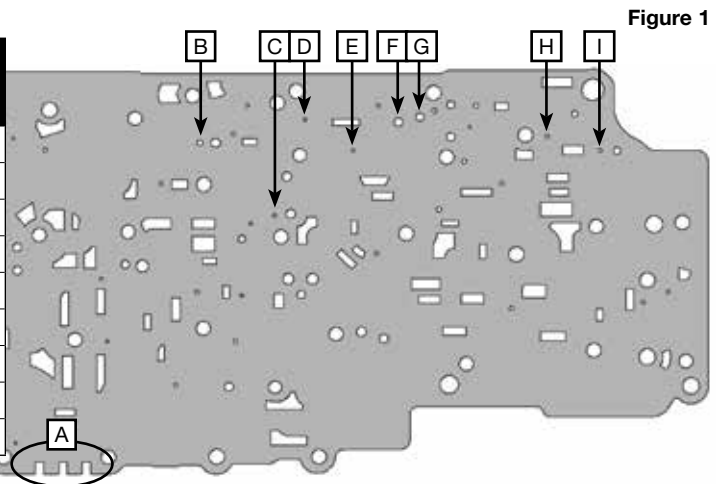
 Updates were made to the OE separator plate to further improve clutch feed pressure, clutch backfill exhaust pressure and compensator feed pressure.

Shown here is the updated OE plate, part no. 24245720, with identification features for reference.

If the unit's separator plate is **NOT** this updated version, Sonnax recommends replacing the plate with the updated version when using this spring kit (plate available from OEM, Part No. 24245720).

**NOTE:** OE separator plate part number correct at time of printing; recommend confirming latest part number with dealer as part supersession is common.

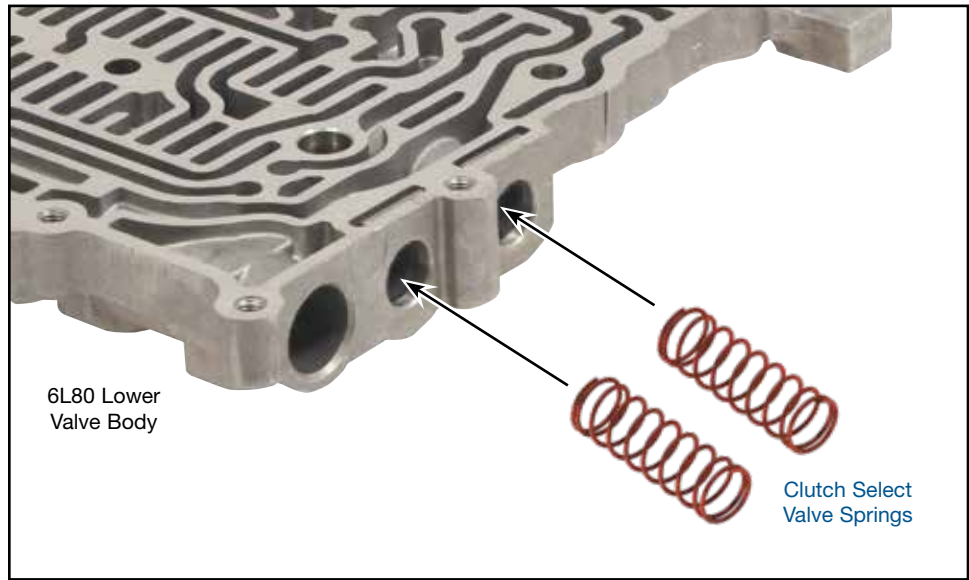
OE Updated Separator Plate Part No. 24245720	
A	I.D. Notches
B	.133" dia.
C	.066" dia.
D	.059" dia.
E	.070" dia.
F	.169" dia.
G	.157" dia.
H	.058" dia.
I	.071" dia.



### 2. Installation & Assembly

- Install the Sonnax clutch select valve spring.
- Secure with OE plug and retainer.
- Repeat disassembly, installation and assembly steps for second bore.

### GM 6L45, 6L50, 6L80, 6L90



### 1. Disassembly

- Remove clutch select valve OE retainer, plug and spring from one bore, discarding OE spring.
- Examine separator plate to determine if replacement is necessary (**Figure 1**).

### 3. Replace Separator Plate (If Necessary)

If the the separator plate needs to be replaced (**Figure 1**), do so after new springs have been installed in each bore.



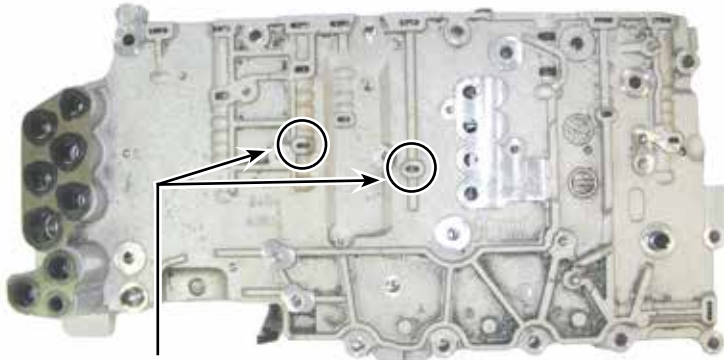
Do **NOT** use this spring kit or one of the updated OE plates in late (mid 2010-later) valve bodies. See valve body identification guide (**Figure 2**) on page 2.

### Valve Body Identification

Figure 2

**NOTE:** OE separator plate part number correct at time of printing; recommend confirming latest part number with dealer as part supersession is common.

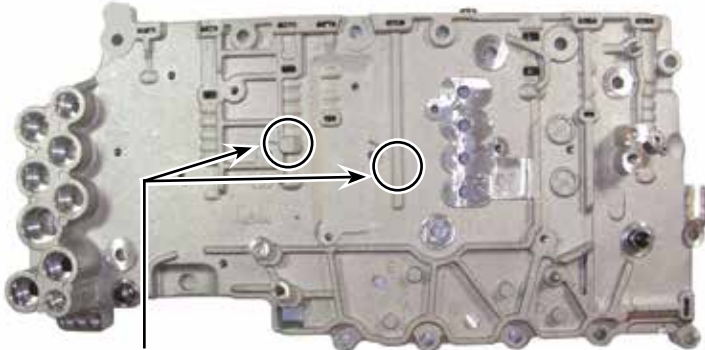
#### 6L80 Valve Body • EARLY



With exhaust ports are mid 2010-earlier.

Early valve bodies may not have an upgraded separator plate (24245720), which Sonnax recommends be used with this spring kit. See **Figure 1** on page 1 for details.

#### 6L50 Valve Body • LATE



No exhaust ports are mid 2010-later units.



Late castings already have upgraded OEM springs and use separator plate 24261077. Do **NOT** use the upgraded separator plate (24245720) in mid 2010-later units.