

A1-Shift-Valves

Steel C, D & E Shift Valves

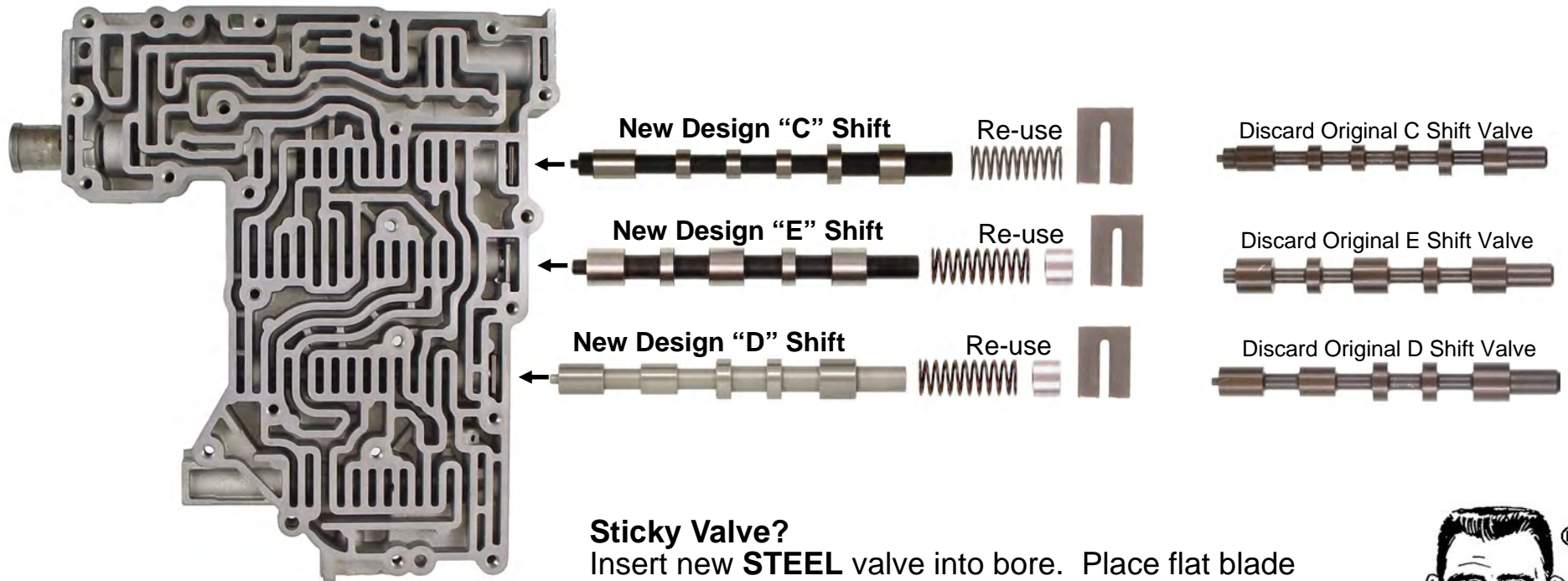
Fits: 2001-2010 Allison 1000-2000 series

Good News! New design Steel Shift Valves resist sticking that can set common Pressure Switch or Solenoid *Performance* codes.



Remove **original** shift valves one at a time. Rinse & insert **NEW Design Shift Valves** & check for free movement. If valve does not slide freely in the bore perform **“Sticky Valve?”** step at bottom of page. If ok, do a final clean & lube the new valve. Reassemble as shown below for each valve. The valve isn't free until you drop it in the bore vertically and it bounces when it bottoms.

Upper VB



Sticky Valve?

Insert new **STEEL** valve into bore. Place flat blade screwdriver tip against valve **between** the lands. Whack screwdriver **smartly** with 5/8" wrench from all angles. Re-check movement.



Mr. Shift

Shift Valve & Solenoid Locations



Heads Up! 2001-04 models can set pressure switch codes from a bad outside lever switch (MLP or NSBU).

On 2001-10 models, pressure switch codes for C,D, or the most common E switch, can be set due to faulty *shift* solenoids or more likely- stuck **C** (SV1), **D** (SV2) , or **E** (SV3) shift valves.

Torque VB & Pressure Switch bolts to 108 inch pounds.

