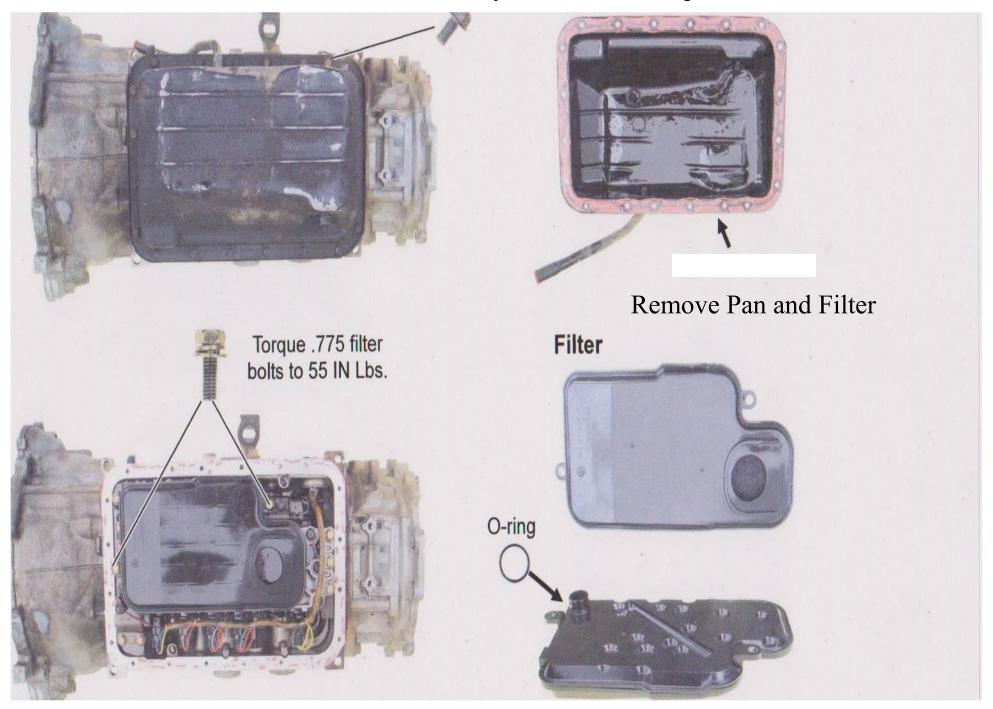
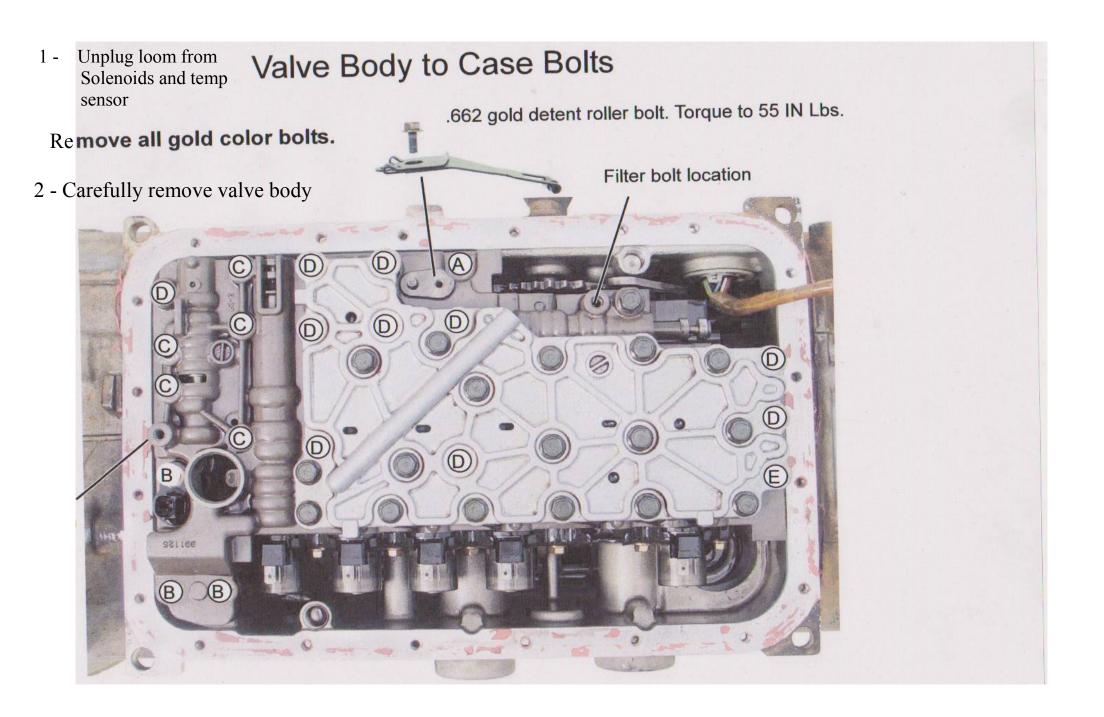
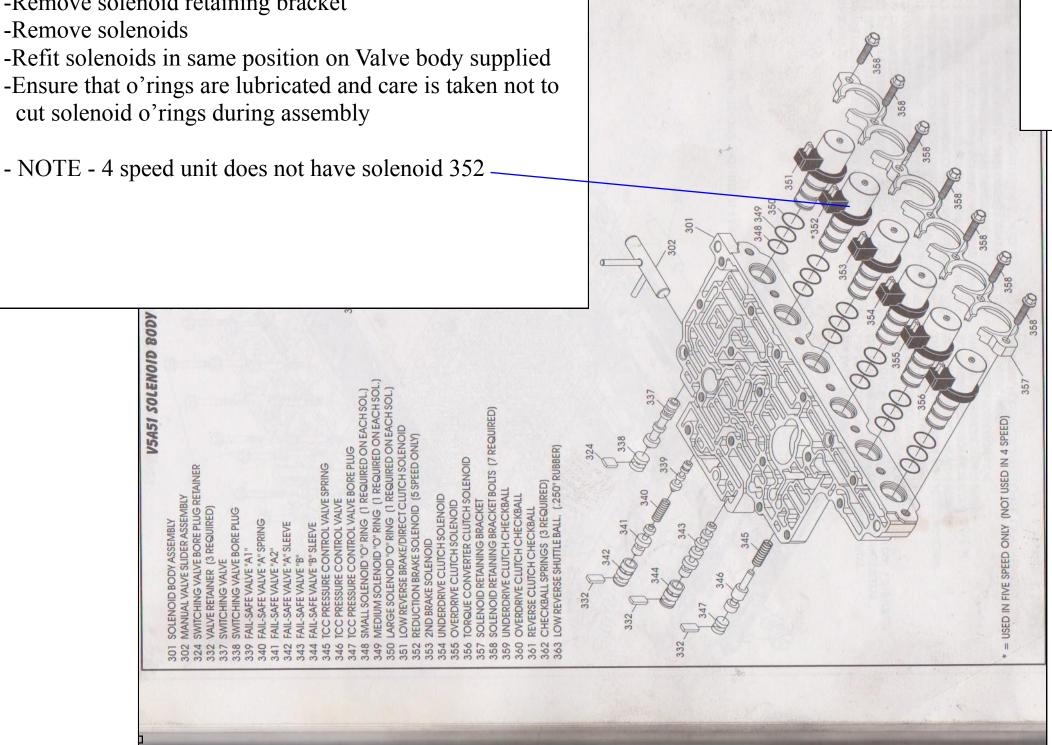
Mitsubishi R4A51 and R5A51 Valve Body Remove and Replace <

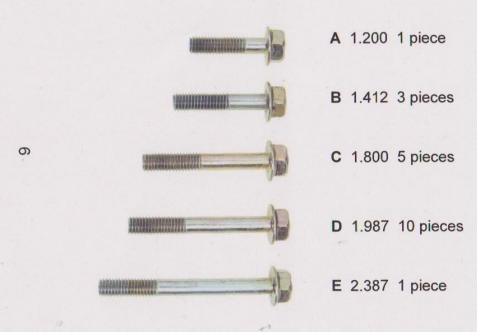




- -Remove solenoid retaining bracket -Remove solenoids
- cut solenoid o'rings during assembly

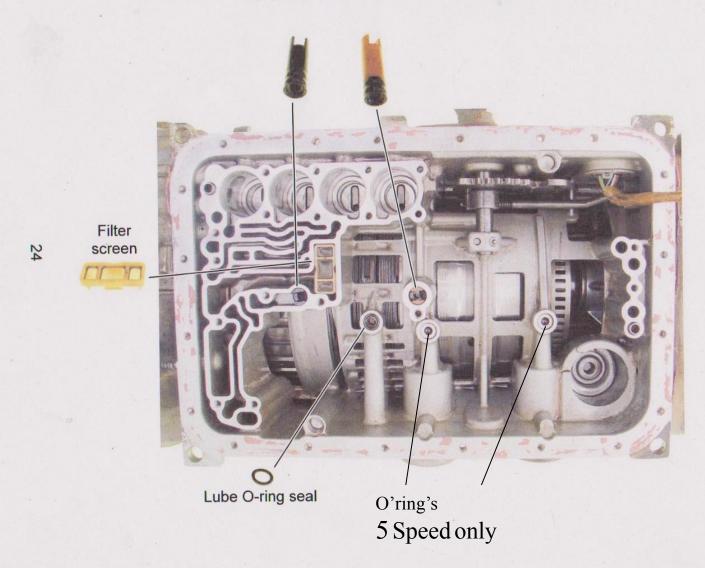


All valve body to case bolts are gold plated.
Bolts are actual size when printed.



Torque valve body to case bolts to 95-100 IN. lbs.

Case Parts and Accumulators





No 21 Low/Reverse Clutch

No 18 2nd Brake Clutch

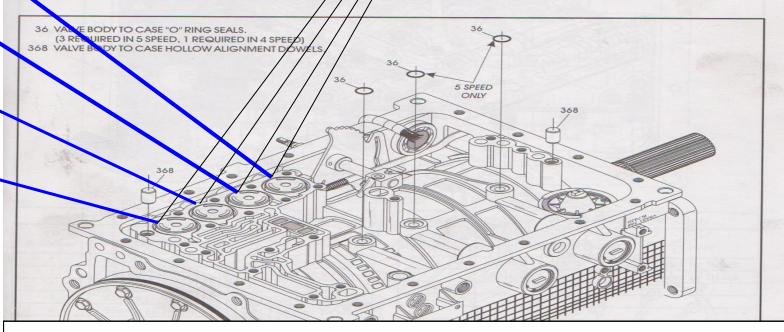
No 16 Overdrive clutch

ACCUMULATOR SPRING **IDENTIFICATION** NOTE: The shaded areas are the identification "Bluing". 24 I.D. "Bluing" I.D. "Bluing" ACCUMULATOR Outer Inner Overdrive Clutch None Not Used 2nd Brake Clutch 2/3rds Full Surface 21 Low/Reverse Clutch Full Surface 2/3rds 24 Underdrive Clutch Half or 2/3rds Half or 2/3rds Direct Clutch Not Used None

Figure 219

None

Not Used



35

Reduction Band

81. Install the valve body to case "O" ring seals in

with small amount of Trans-Jel®.

Note: Only one used in 4 speed units.

case cavities, as shown in Figure 220, retain

Continued on Page 116

TRANSMISSION ASSEMBLY "5 SPEED" INTERNAL COMPONENTS (CONT'D)

- 82. Lay the internal wire harness over the case pan rail, as shown in Figure 222.
- 83. Install completed valve body, while inserting manual valve slider into the inside detent lever, as shown in Figure 221.
- 84. Then install valve body over the dowels in case and gently onto the "O" ring seals, as shown in Figure 222.

Continued on Page 117

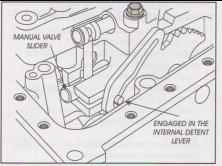
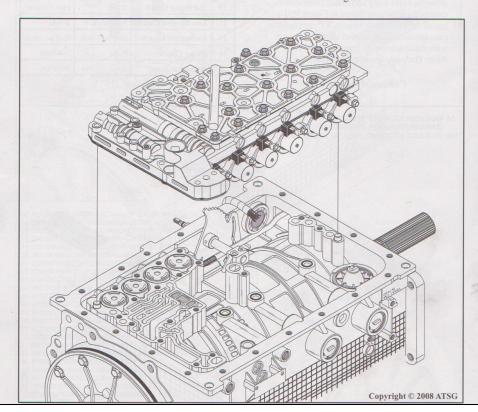


Figure 221



Refit Valve body bolts and tighten
Refit new filter with o'ring and bolts
Refit pan and gasket
Refill with Approved Trans Fluid - Full Synthetic
Recommended

Note - Read this it's IMPORTANT!

This transmission has adaptive learning software And will exhibit harsh shift characteristics when First road tested.

Care MUST be taken on initial road test, drive vehicle at LIGHT THROTTLE only and allow Gear shifts into all gears. The more times you stop and allow upshifts the TCU will alter the shift characteristics accordingly.

When the light throttle upshifts are softer then proceed to heavier throttle upshifts and downshifts.

This process may take up to 20 km's and will continue to fine tune indefinitely.