



TRANSGO RE4FO4 VB's Instruction Manual

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TRANSGO RE4FO4 VB's



HOLD IT! Identify the valve body first!

For RE4FO4 (Large Case) VB's See other side.

RE4FO3 A

models: The internal solenoid wires extend outside of the case as shown below. Use SK® RE4FO3A

For Hot Rods Only:

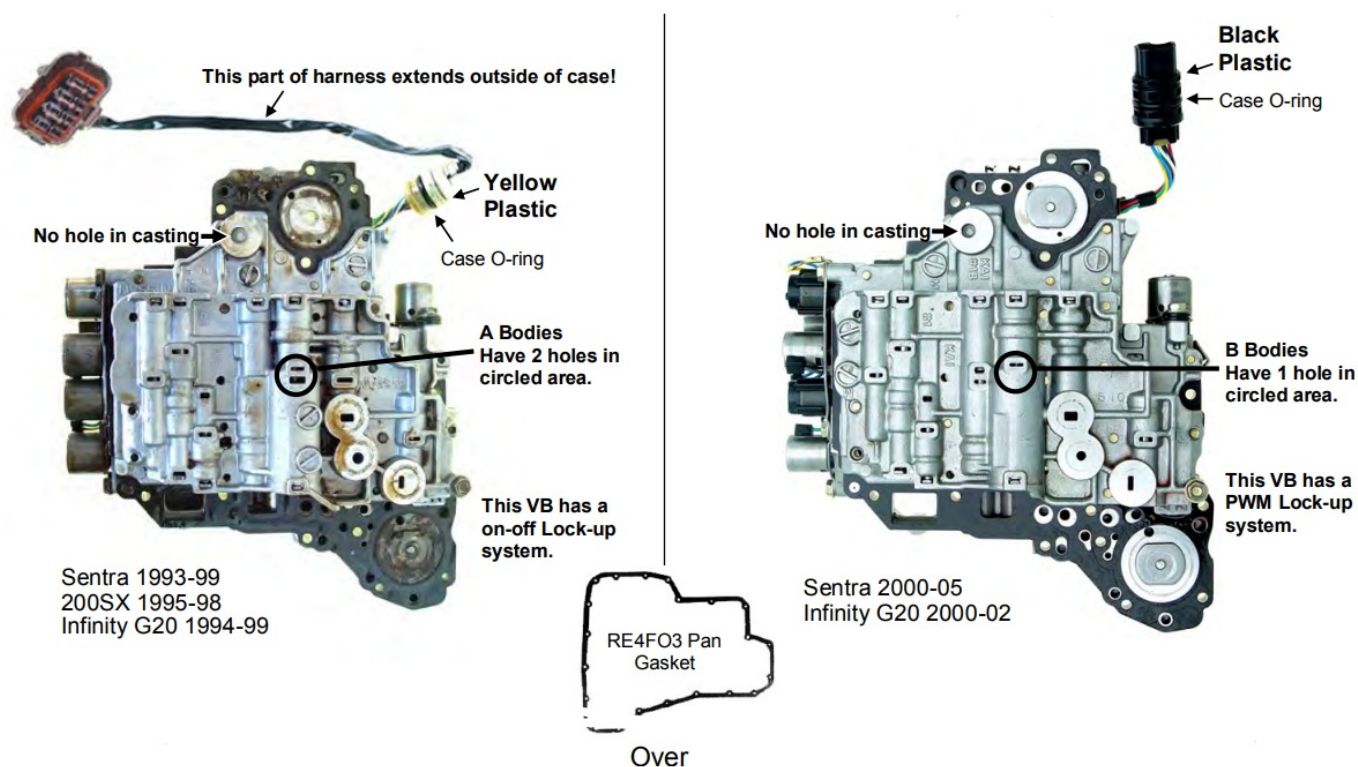
Use RE4FO3A HD-2 Reprogramming Kit®

RE4FO3 B

models: The internal solenoid wiring harness DOES NOT extend outside of the case! Use SK® RE4FO3B

For Hot Rods Only:

Use RE4FO3B HD-2 Reprogramming Kit®



For RE4FO3 (Small Case) VB's See other side.

RE4FO4 A&V

models: The internal solenoid wires extend outside of the case as shown below. Use SK® RE4FO4A

For Hot Rods Only:

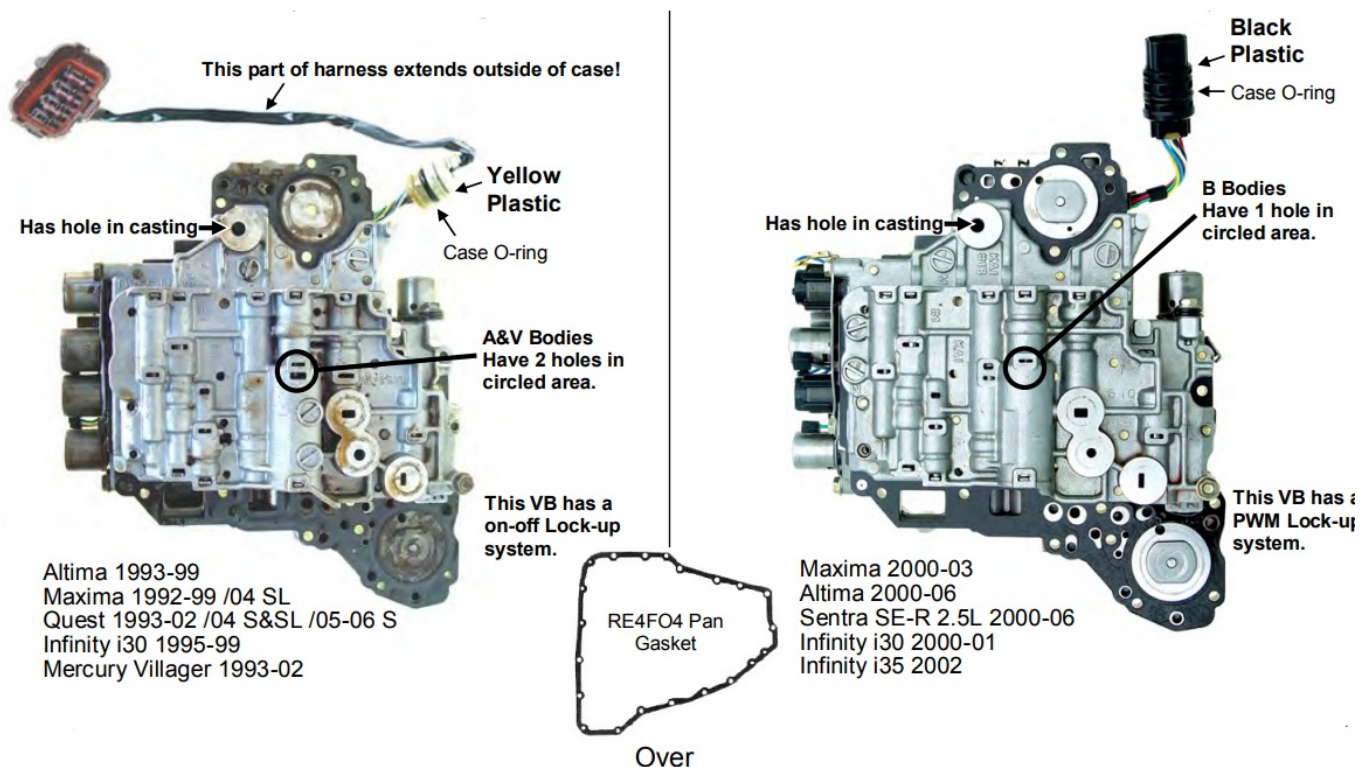
Use RE4FO4A HD-2 Reprogramming Kit®

RE4FO4 B

models: The internal solenoid wiring harness DOES NOT extend outside of the case! Use SK® RE4FO4B

For Hot Rods Only:

Use RE4FO4B HD-2 Reprogramming Kit®



Front Drive Nissan—Without TV Cable

Sentra GXE 93-99 200SX 95-98 G20 Infinity 94-99

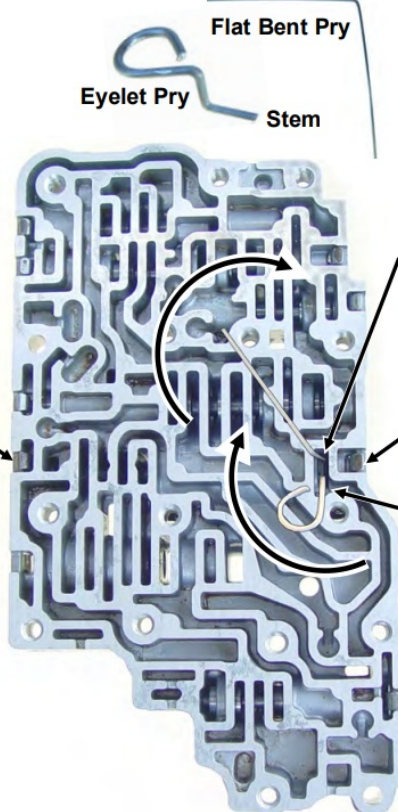
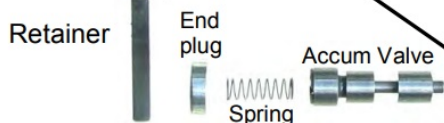
You never felt a Nissan shift this good, Hot or COLD.

This Kit is about:

Rough 2nd cold. No 3rd after a 3-2 or 4-2 kickdown. Direct clutch (3rd) inner seal **leaks**, wears or opens up, etc.

Corrects Hard and Soft 1-2. Long 2-3 at heavy throttle. **Firmer 4th and lockup.**

Use a skinny punch from other side of VB to *push* accum valve out of bore.



LISTEN UP: If trans is out of vehicle do page 7 first.

Step 1. Remove Retainers. With sand paper smooth the small burr where the retainer was against bore.

Step 2. Insert **Flat Bent Pry** between the end plug & accum piston. Push piston inward away from the end plug far enough to insert the stem end of eyelet pry.

Step 3. With **Eyelet Pry** *push* the end plug **GENTLY** in various spots to remove it. Then remove 2nd accum piston, spring & washer on **Page 2**. Then *push* accum valve and end plug from this side of VB with a thin punch.

Upper Valve Body

You'll love the 1- 2 shift. Short-Smooth- -No bangs

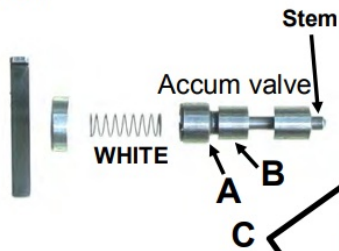
Checkballs:

Five Steel .214 to .218 Don't use plastic balls.
Use some Vaseline to keep the checkballs in place NOT grease.

Hello Mechanic:

Install accumulator valve first. Then install the flat washer on the stem of accum valve, then the remaining parts as shown.

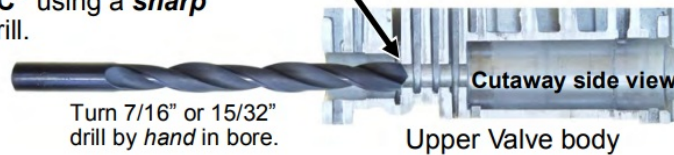
Step 1. Remove the accum valve. Chamfer partition as shown at bottom of page. Clean the bore. Reinstall valve. Install the **WHITE** spring, end plug and retainer.



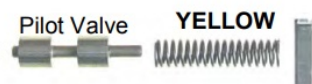
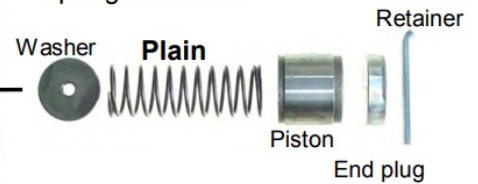
Here's Why: Edge **A** on the valve hits partition at **C**. This deforms the bore which sticks the valve at land **B**.

Here's how to fix it:

By **HAND**, make a slight chamfer in valve bore at "**C**" using a **sharp** 7/16" or 15/32" drill.

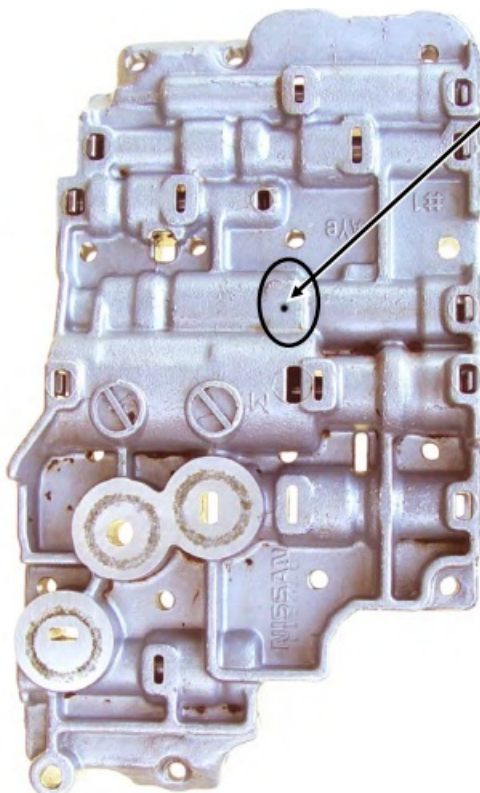


Step 2. 2nd Accum Piston. Install washer and the **PLAIN** spring furnished.

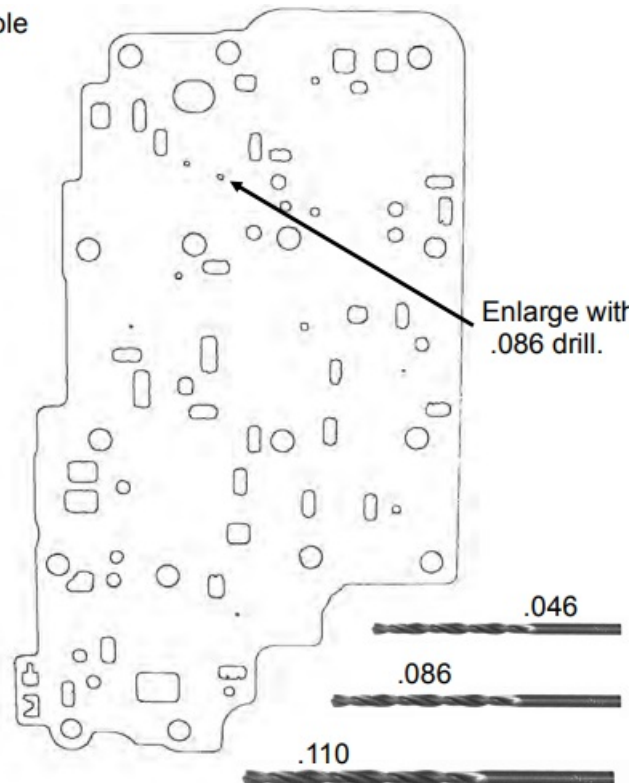


Step 3. Pilot valve. Install **YELLOW** spring.

Upper Valve Body & Upper Separator Plate



Enlarge this hole with .110 drill.

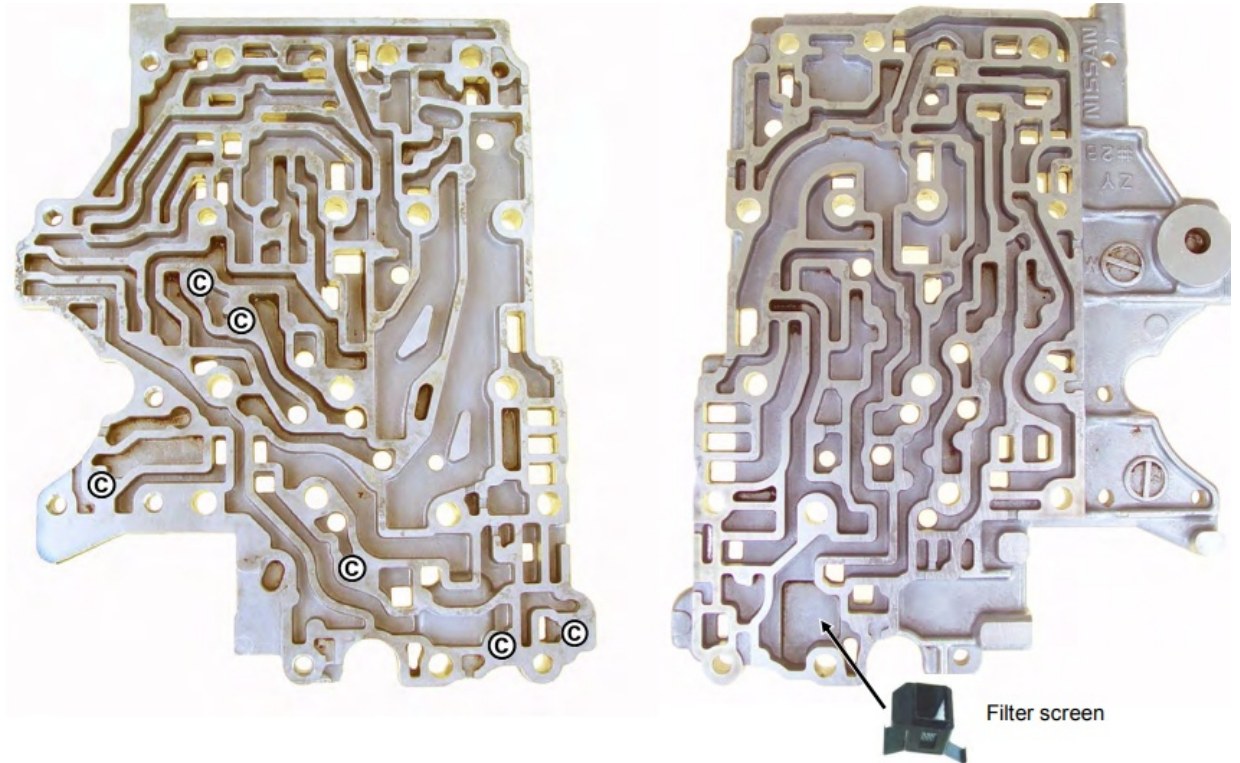


Channel Casting

Checkballs:

Six steel .214 to .218 Don't use plastic balls.

Use some Vaseline to keep the checkballs in place NOT grease.



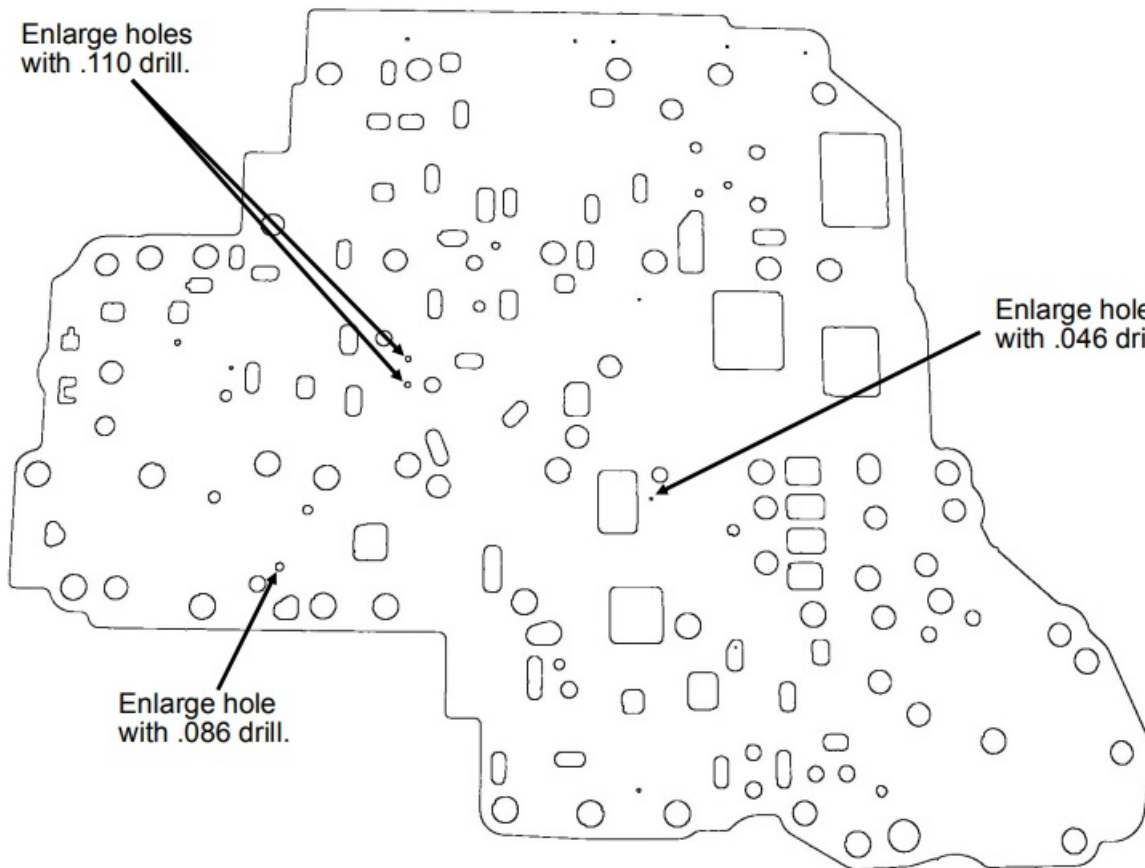
Main Separator Plate

Main Separator Plate

Enlarge holes
with .110 drill.

Enlarge hole
with .046 drill.

Enlarge hole
with .086 drill.



Main Valve Body

4. Install Springs & Gold Steel Balls furnished.

Gold Steel balls
.265 diam
ORANGE

3. Enlarge the limit drain
holes with a 1/4" drill.

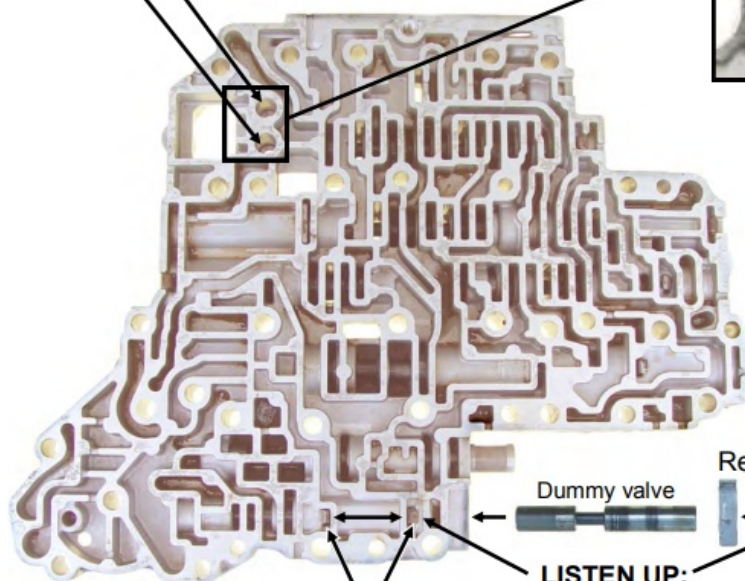


2. Install **Green** pressure
regulator spring furnished.



1. Install **ORANGE** spring.

ORANGE
End plug

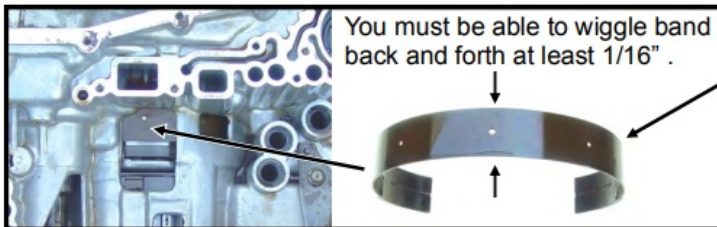


Dummy valve

Retainers

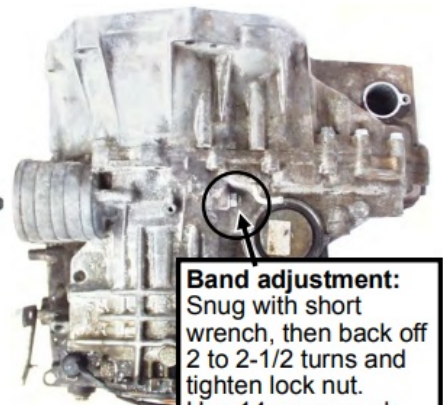
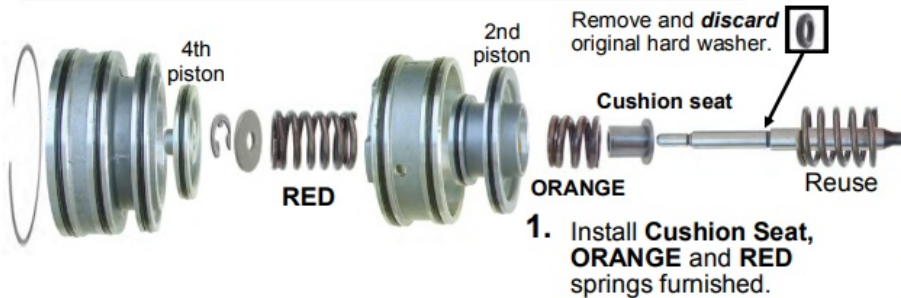
LISTEN UP:
Install the retainers in
correct locations in VB.

Retainers



Check Band Adjustment:

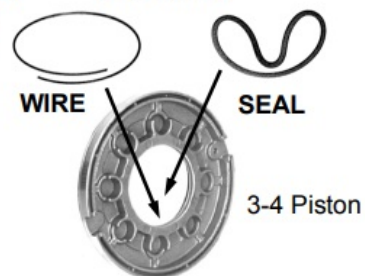
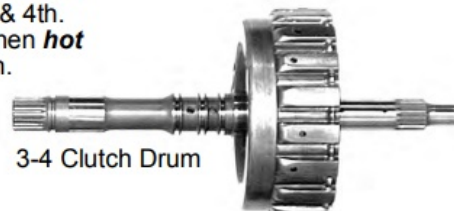
Install 2nd piston with new cushion seat and spring. If band will wiggle on drum 1/16" by hand, you can skip the band adjustment shown below.



Do step 2 if trans is out of vehicle.

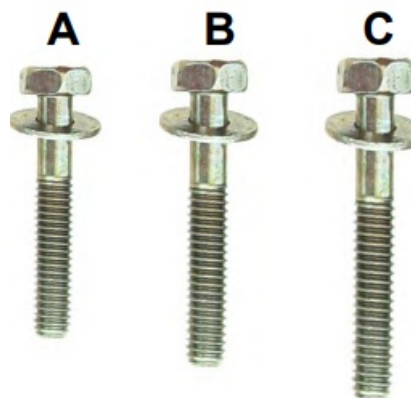
Poor design 3-4 clutch inner piston seal causes trans to lose 3rd & 4th. Usually worse when *hot* or after Kickdown.

2. Insert overlap part of the **Wire** into groove at 6 O'clock. Then shape **Seal** as shown and install into the groove.

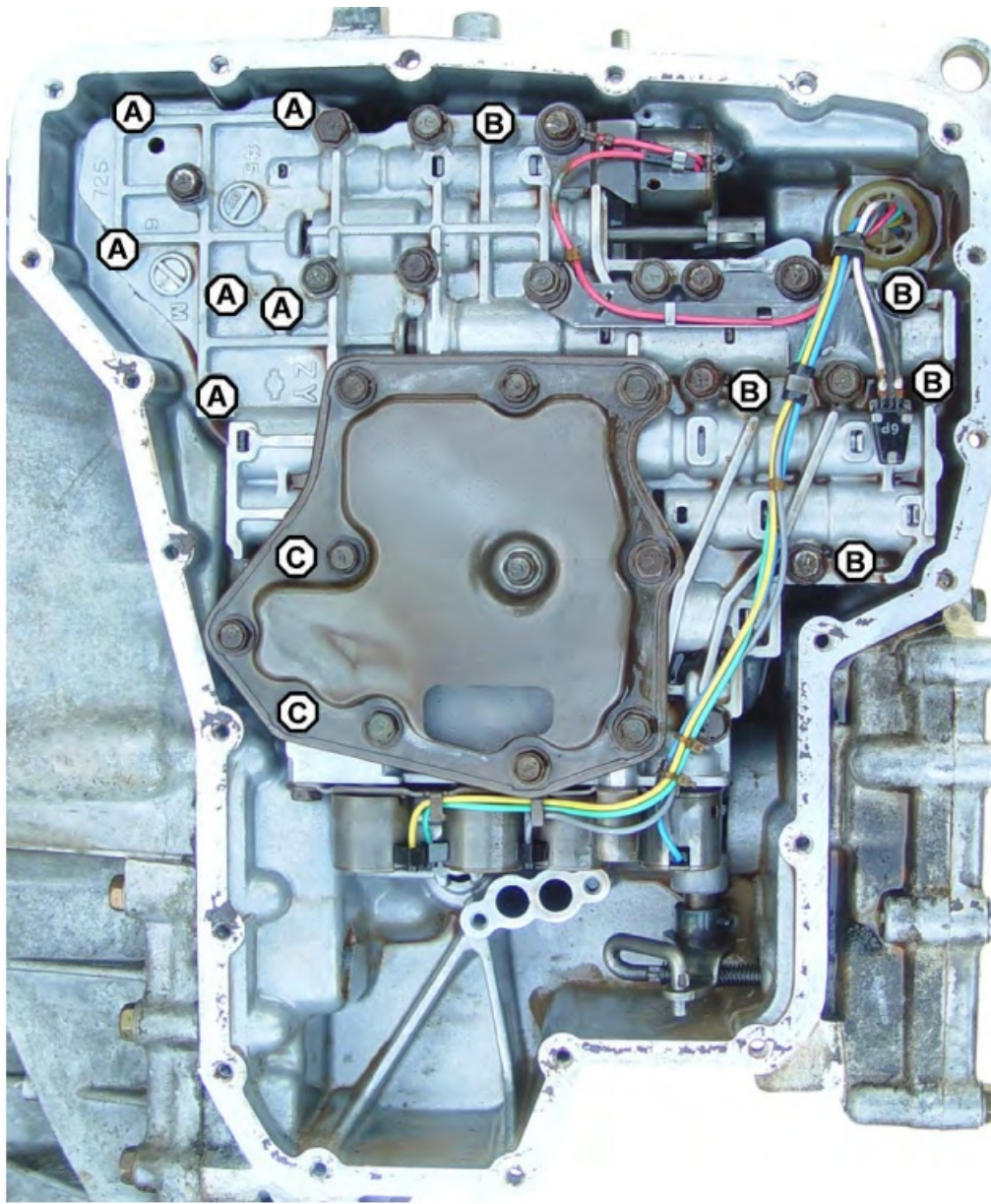


VB to Case Bolts

- "A" Six bolts 1.455"
- "B" Five bolts 1.725"
- "C" Two bolts 1.885"



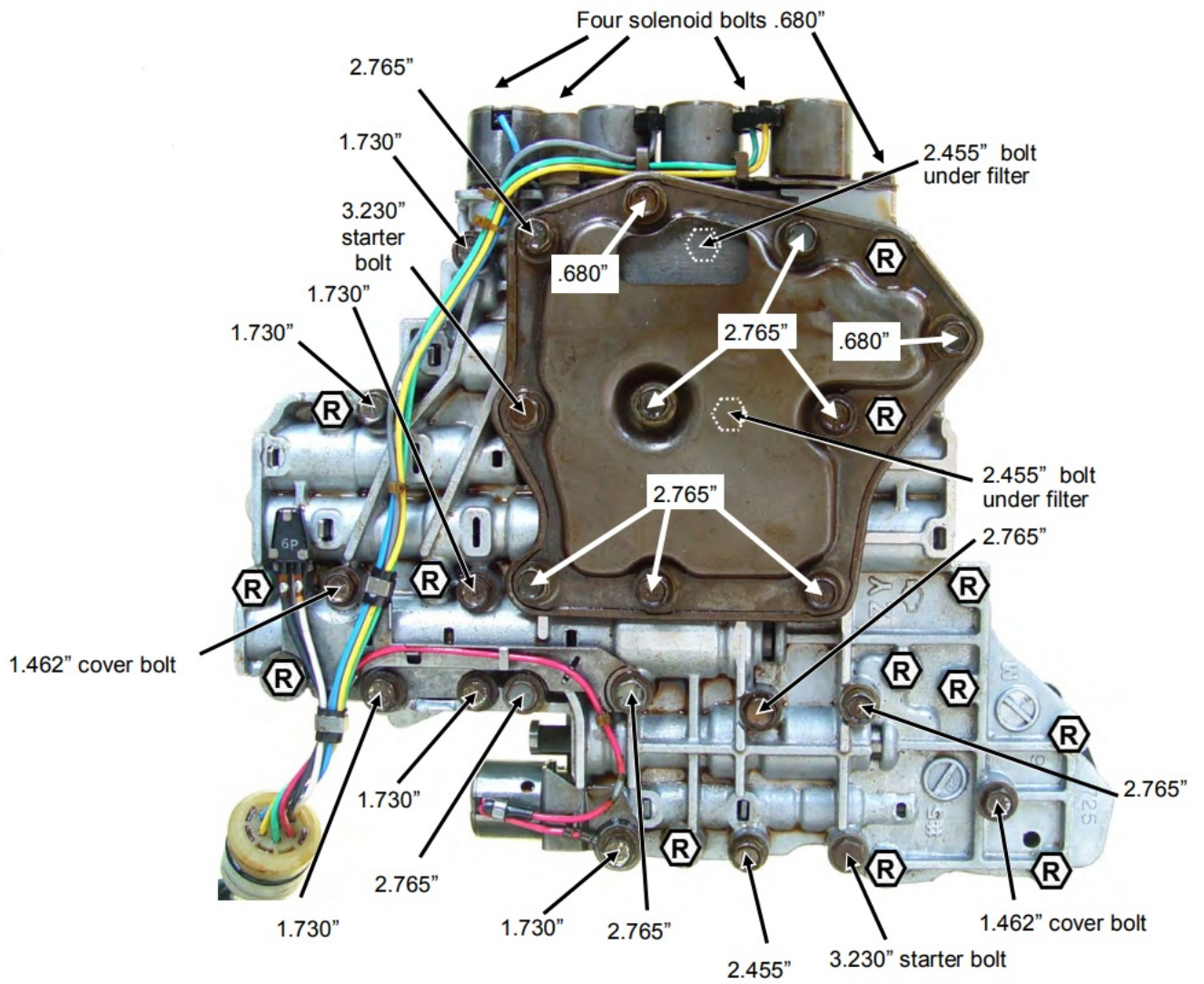
Tighten VB bolts to 95 IN. LB. Pan bolts to 65-80 IN. LB. Drain plug to 25 FT. LB.

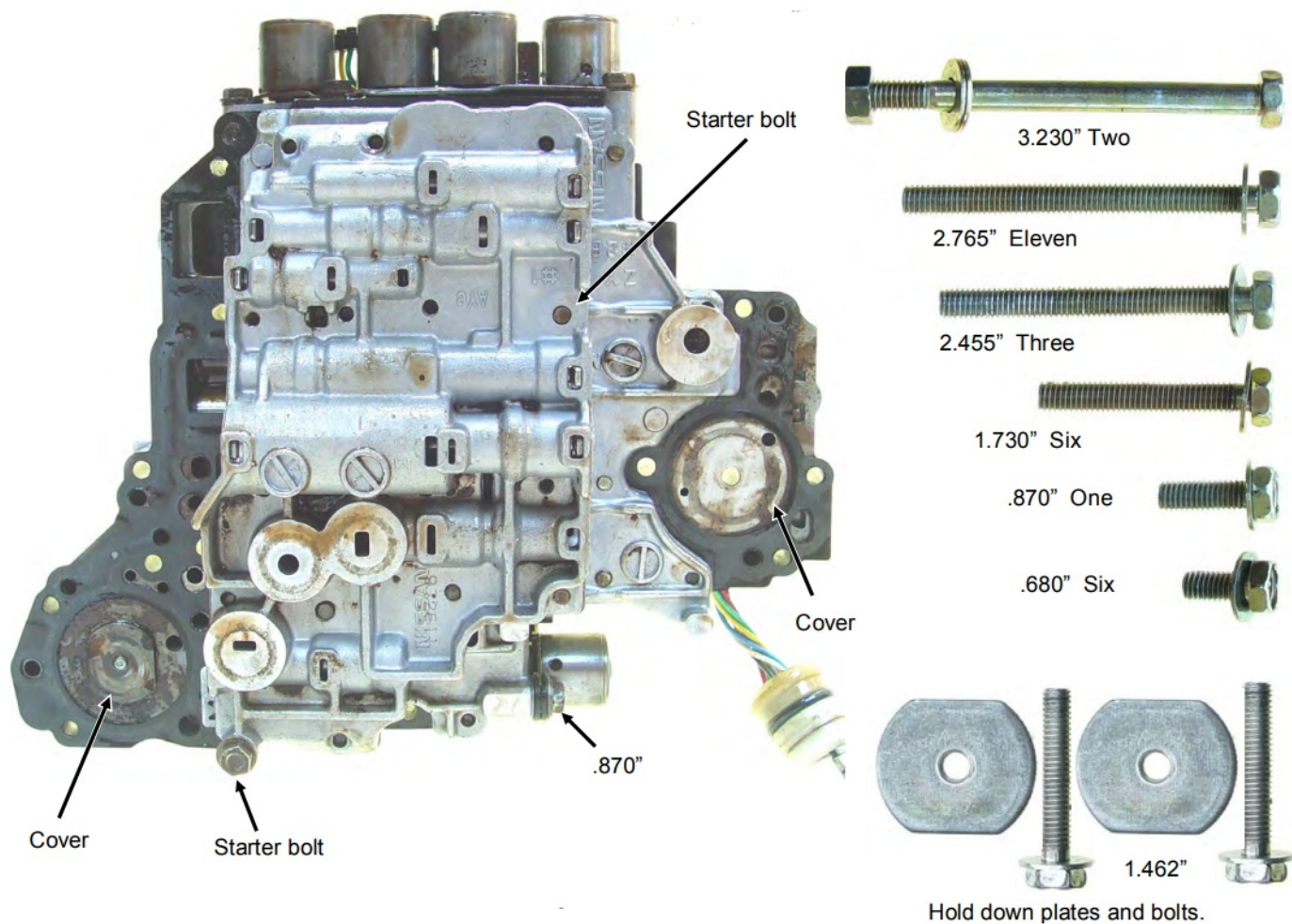


Valve Body Bolts


13 bolts necessary to remove VB from the case.

Tighten VB bolts to 95 IN. LB. Tighten hold down bolts and plates to 70-80 IN. LB.





Documents / Resources

	<p>TRANSGO RE4FO4 VB's [pdf] Instruction Manual RE4FO4 VB s, RE4FO4, VB s</p>
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