

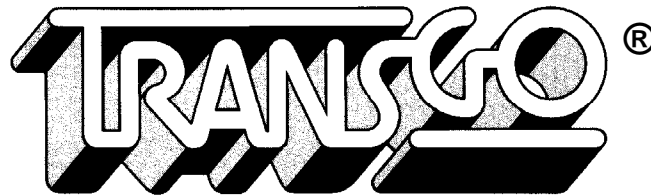
A245E-HD2

Reprogramming Kit™

Toyota Corolla 1993-2002
Chevy/GEO Prizm 1993-2001

Corrects/Reduces/Prevents

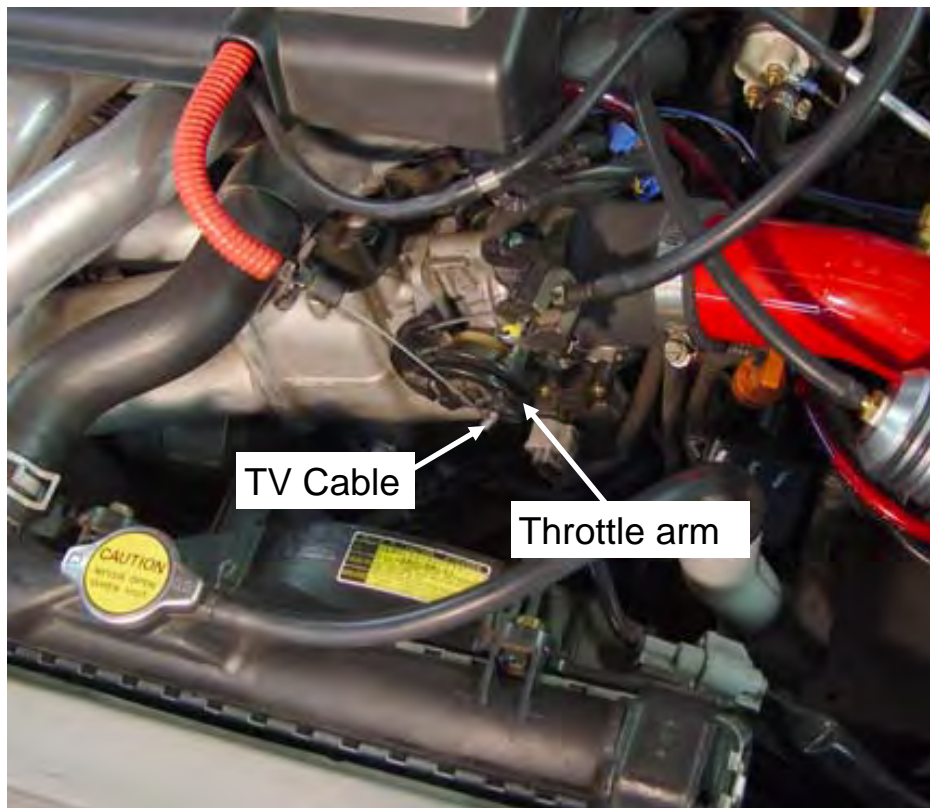
Corrects Soft 1-2. Long 2-3 at heavy throttle. Firmer 4th & Lockup.
Corollas never shifted this good, until now.



A245E-HD2 Reprogramming Kit™

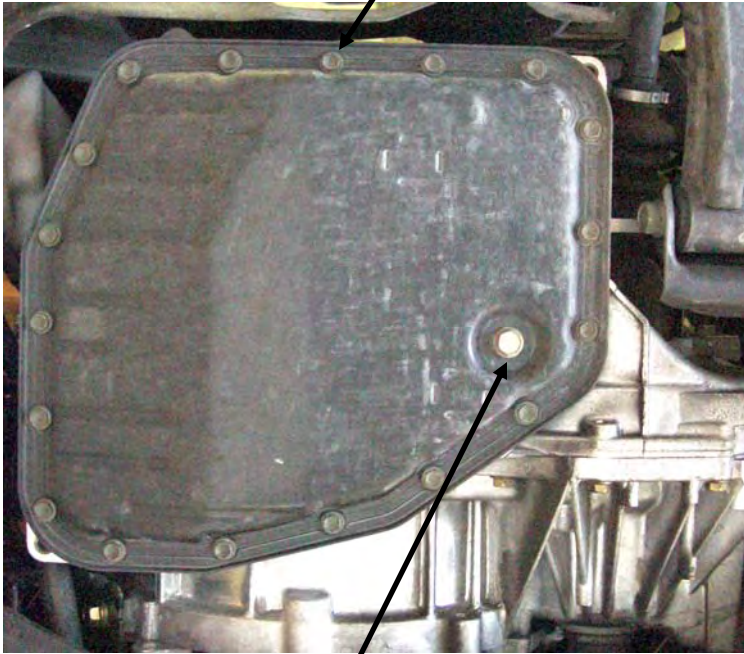


Toyota's never shifted
this good, until now.



Disconnect the TV cable from
throttle linkage before removing
valve body from transmission.

Tighten pan bolts to 50 IN. LB

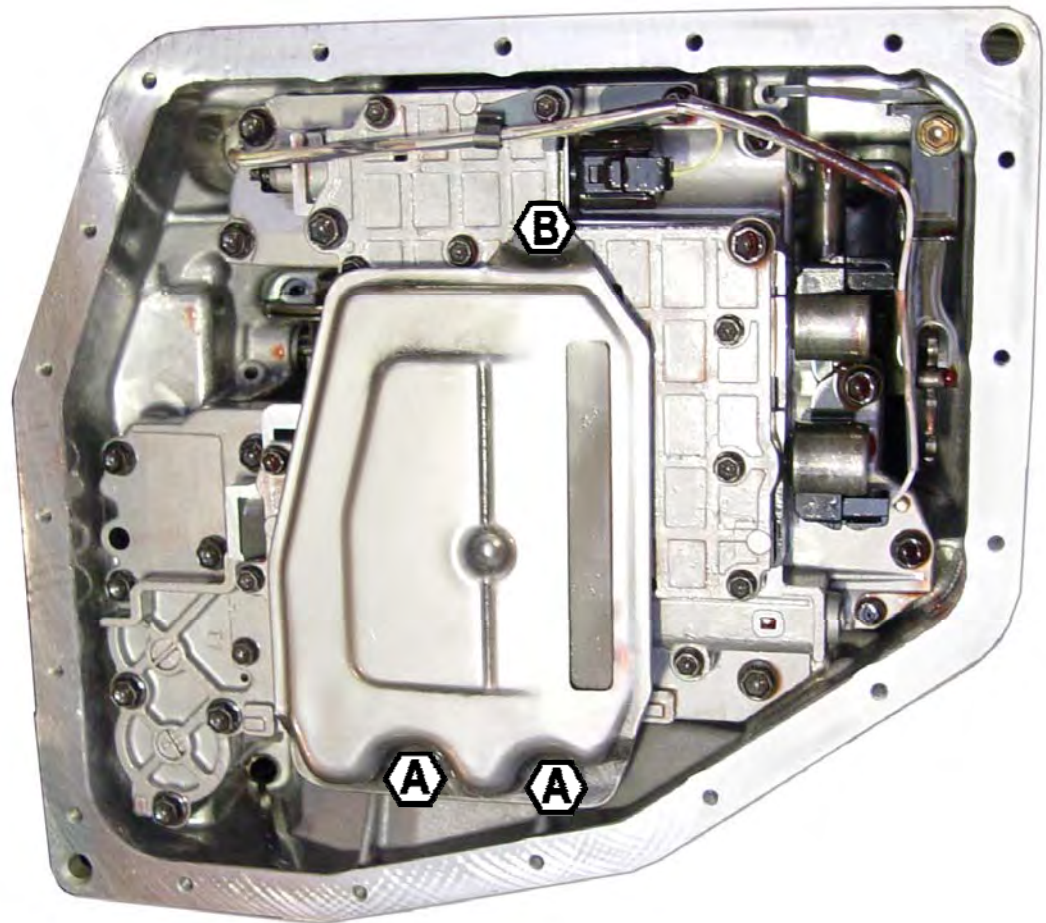


Tighten drain plug to 30 FT LB

Step 1

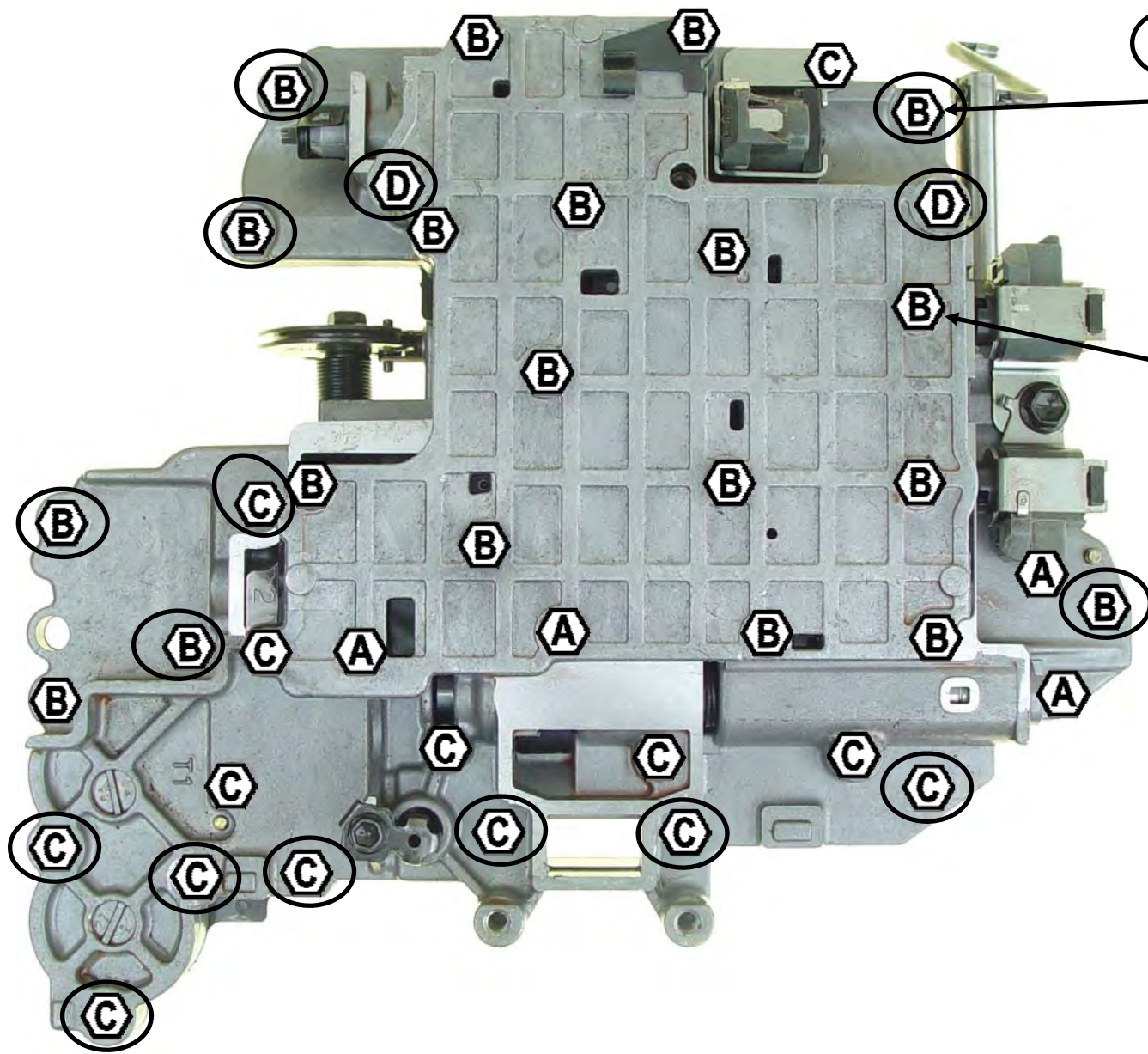
Remove drain plug and drain trans fluid into a pan. Reinstall drain plug. Then remove trans pan.

Tighten filter and valve body bolts to 85 IN. LB



Step 2

Remove filter bolts "A" and "B". Identify bolt lengths **Page 3.**

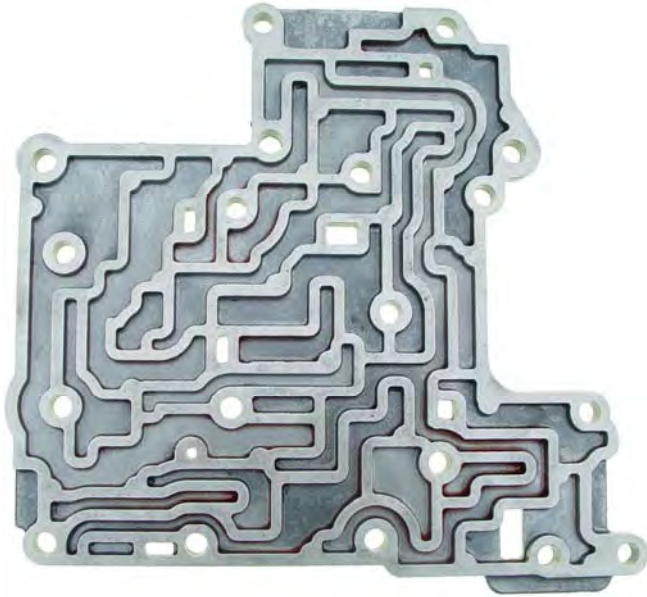


○ Circled bolts attach valve body to case.
Tighten to 85 IN LB

LISTEN UP:
 Tighten (non circled) VB bolts to 56 IN LB.



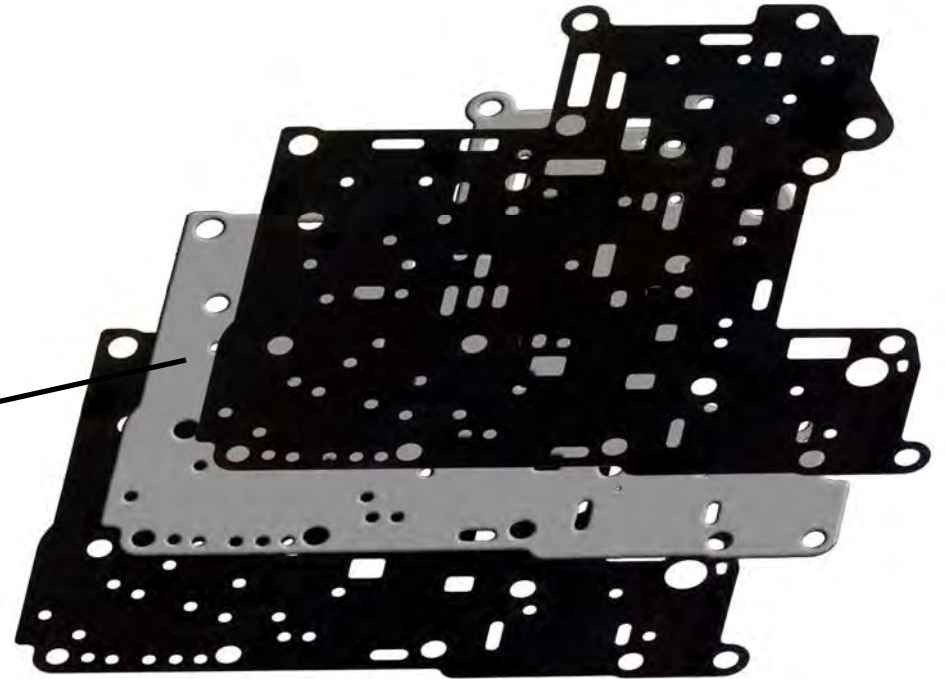
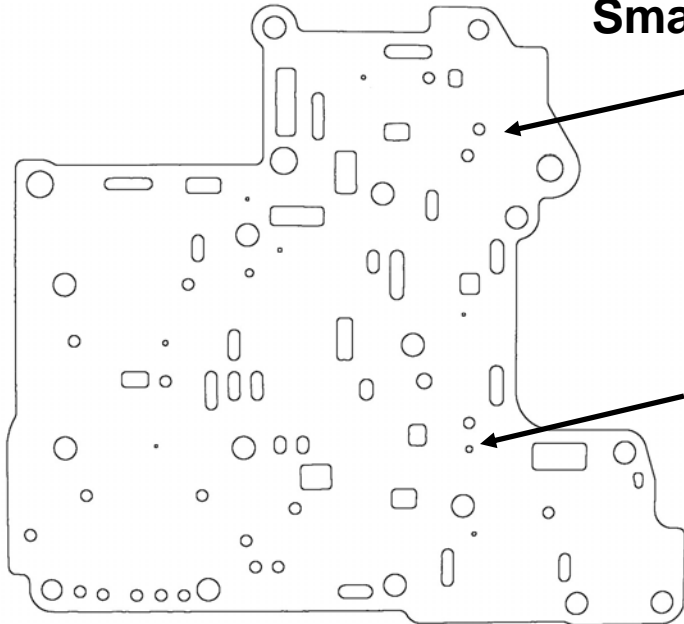
Cover Assembly



Small Plate Gaskets

Replacement **Gaskets** furnished are the same for both sides of small plate.

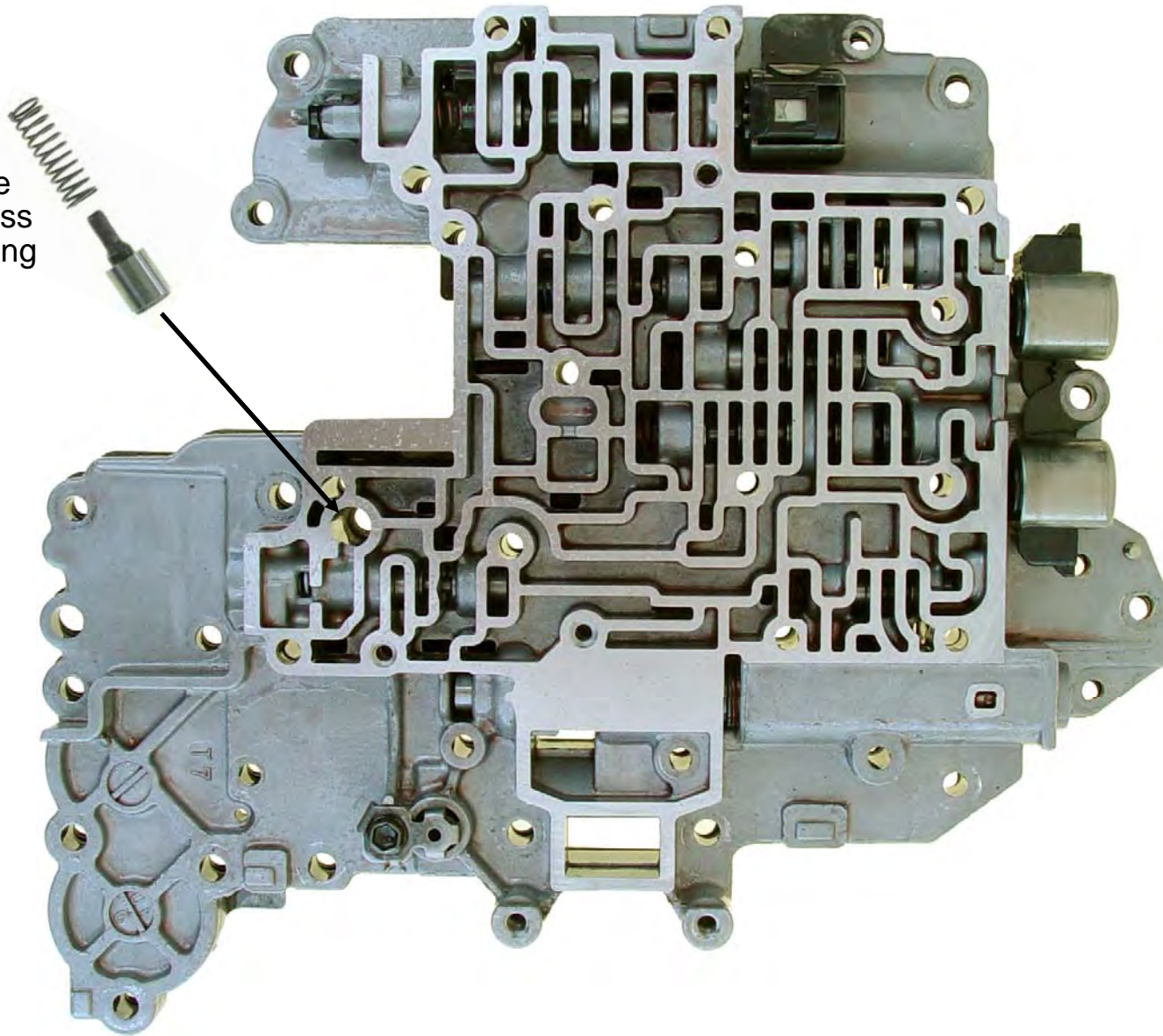
Small Plate



Enlarge hole with .110" drill furnished.

Lower Valve Body

Reinstall the
cooler bypass
valve & spring

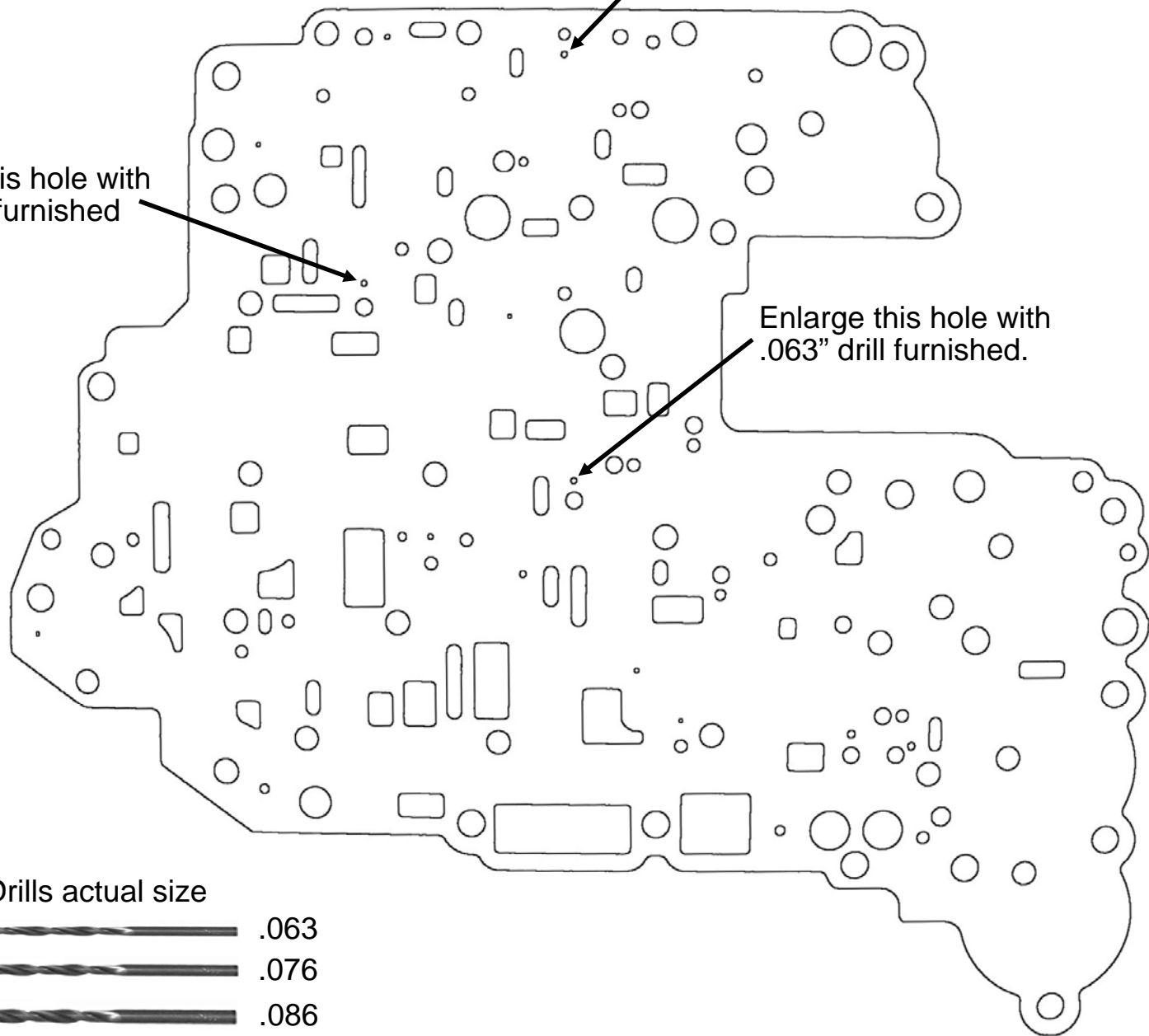


Main Separator Plate

Enlarge this hole with
.086" drill furnished.

Enlarge this hole with
.076" drill furnished

Enlarge this hole with
.063" drill furnished.



Drills actual size

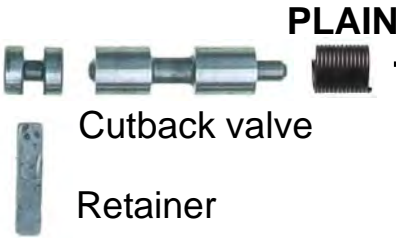
-  .063
-  .076
-  .086
-  .110

Lower Valve Body

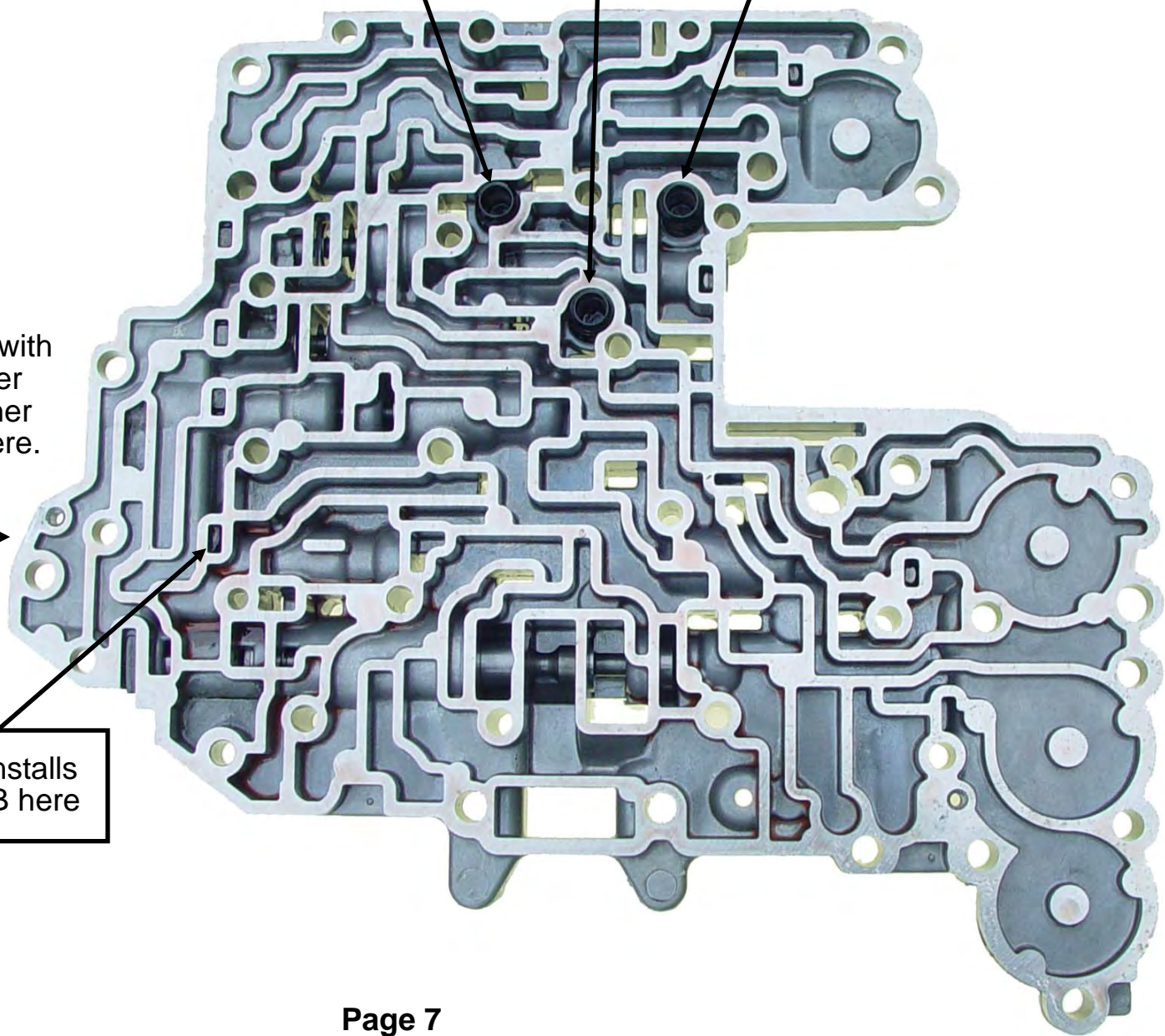
Reinstall screens



Step 1 Vehicles equipped with nitrous or turbo/super-charger install **PLAIN** spring. All other vehicles make no change here.



Retainer installs into the VB here



Step 1

Install **Pins** into separator plate holes as *shown*.
Use Vaseline **NOT** grease to keep **Pins** in place.

One "A" short pin
Two "B" longer pins



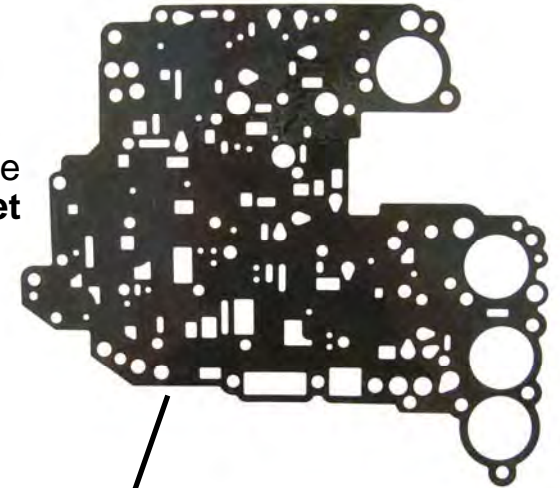
Actual size



Pin "A"
.650" long

Pin "B"
.770" long

Main separator plate
to **Upper VB gasket**



Pin "A"

Pin "B"

Pin "B"

Main Separator Plate

Phillips
screw

Phillips
screw

Main separator plate
to **Lower VB gasket**

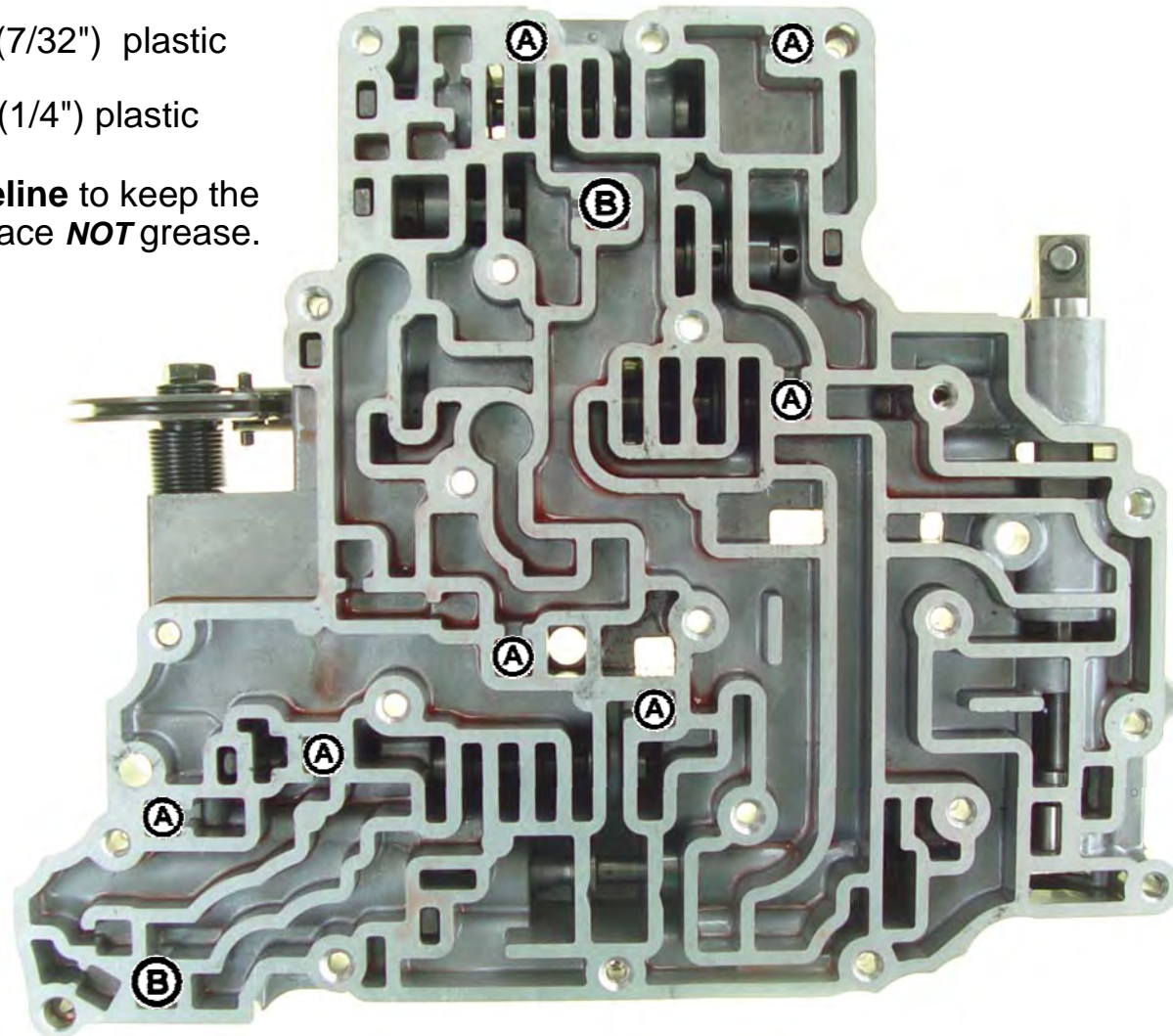
Lower Valve Body

Upper Valve Body

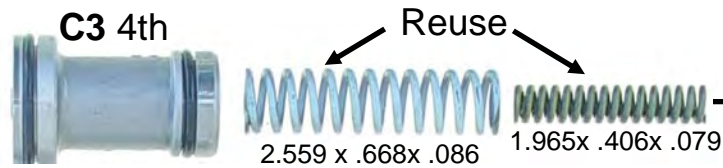
Checkballs

- Ⓐ Six .217" (7/32") plastic
- Ⓑ Two .250" (1/4") plastic

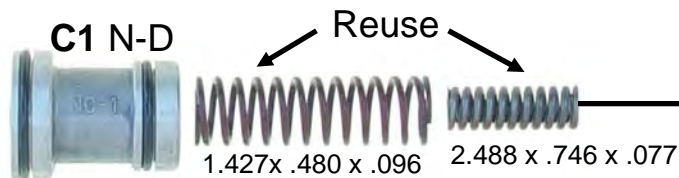
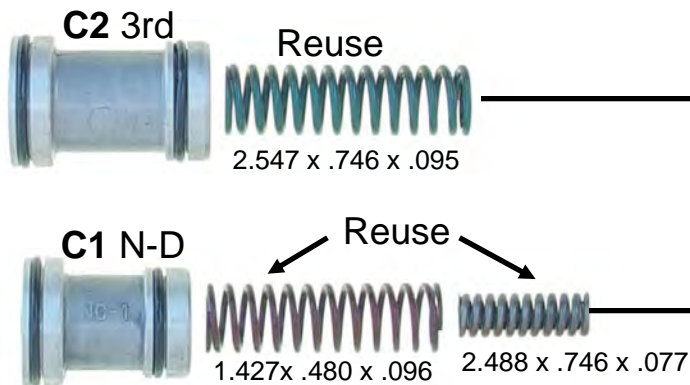
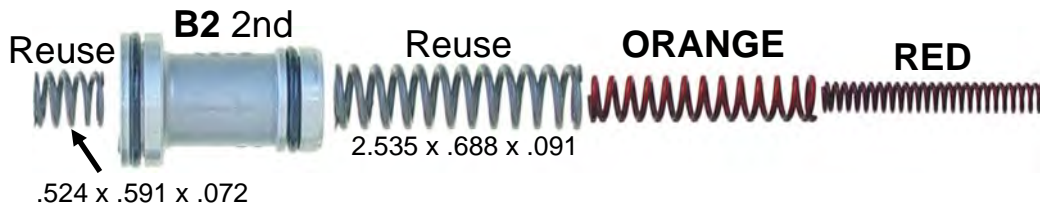
Use some **Vaseline** to keep the checkballs in place **NOT** grease.



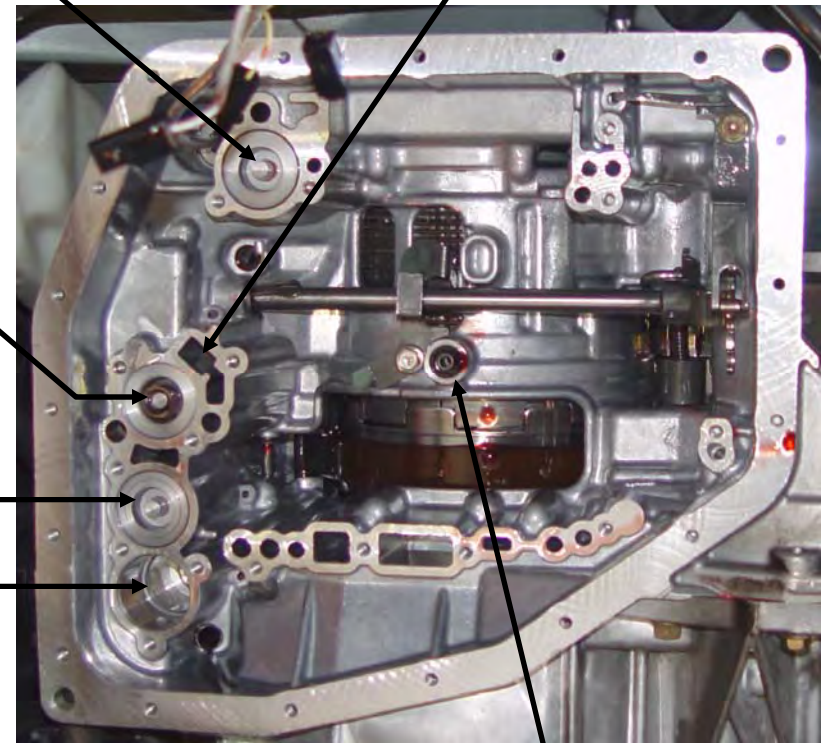
Accumulators



Step 1 Install the **ORANGE** and **RED** springs inside original B2 Accum spring.



Lube one-way valve & spring



Make sure rubber seal is in place before reinstalling VB.

TV Cable Adjustment

Step 1

After installing valve body reinstall TV cable back onto the throttle arm



Step 2

Verify that the TV cam is in the low position as shown at closed throttle



Step 3 Verify TV cam moves about same time as the throttle opens. Adjustment is same as the stock setting.

