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# TCI<sup>®</sup> 526200

## Valve Body Performance Improver Kit

### Installation Instructions For Ford C-4 - 1970 and Up

**TCI<sup>®</sup> 526200 Kit Contains (See Photo 1):**

*Qty. Description*

**One (1) Pan Gasket**

**One (1) Green Spring**

(Pressure Regulator Spring V8 and Inline 6)  
Approximately 2" Long

**One (1) Yellow Spring**

(Pressure Regulator Spring V6 and 4 Cylinder)  
Approximately 1- 9/16" Long

**One (1) Blue Spring**

(1-2 Shift Valve Spring '70-'76 V8 and Inline 6)  
Approximately 13/16" Long

**One (1) White Spring**

(2-3 Backout Valve Spring) Approximately 1½" Long

**One (1) Black Spring**

(Throttle Booster Valve Spring)  
Approximately 1¼" Long

**One (1) Modulator Rod**

**One (1) Modulator Shim**

**One (1) Drill Bit 3/32"**

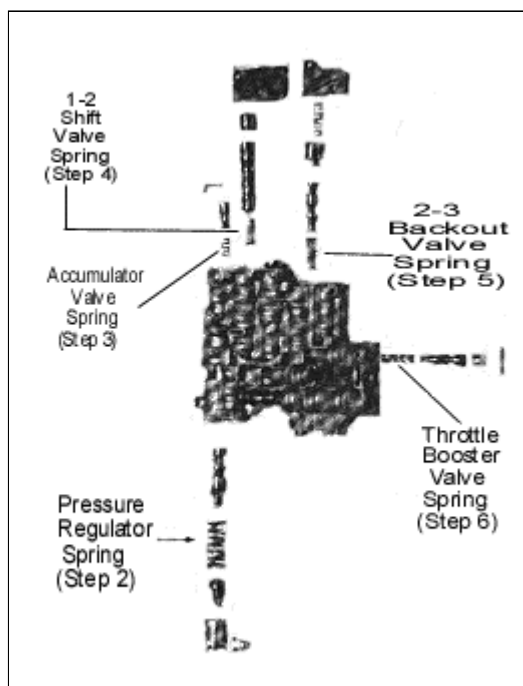


Photo 1

This Kit will fit 1970-1979 C-4 transmissions except '70 Falcon with PED-CE and PEE-V2 transmission models and 1972-1979 C-4 transmissions with PUSH-IN MODULATOR (This kit will not work with 1970-1973 C-4 transmissions with a screw in modulator).

**NOTE: Valve Body Identification.** Some late model cars with V8 and Inline 6 cylinder engines come with a 4 cylinder type valve body. If you have this type of valve body, you must follow the instructions as outlined for a 4 cylinder - **REGARDLESS** of what engine is in your vehicle.

TCI<sup>®</sup> has packaged a low cost kit to allow you to make a performance change in your transmission valve body. This kit is designed to change the shift action to a more positive, sharper, "crisp" type shift.

Great care should be taken when doing this assembly that dirt or any foreign material does not get into any part of the transmission. Inspect all parts to be sure they are in good working condition. Remove and replace any worn or torn gaskets with new parts. Do not bend, burr or force any parts on or off. Read instructions before starting installation.

**STEP 1** Remove valve body from transmission. Compare valve body with **Photo 2** and **Photo 3**. **Photo 1** will show you layout.

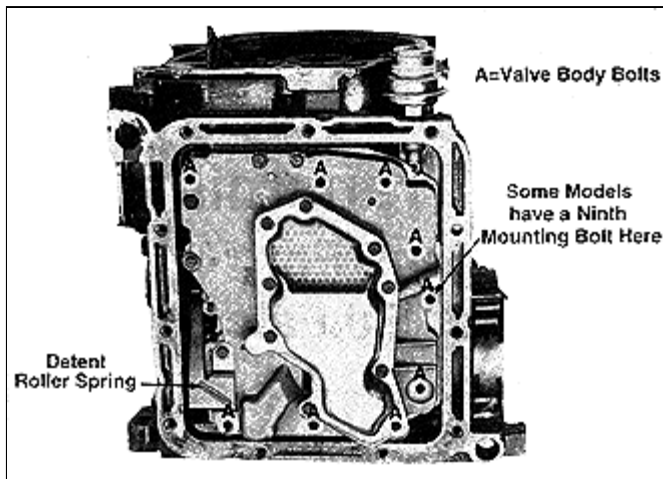


Photo 2 - V8 / Inline 6

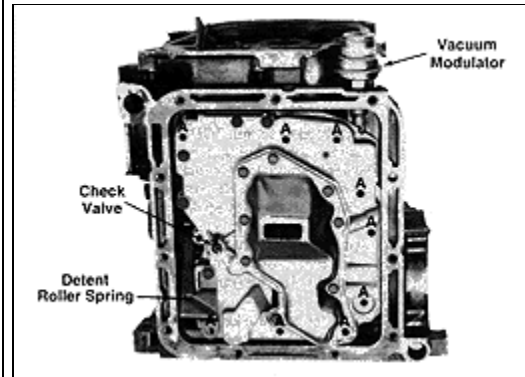


Photo 3 - V6 / 4 Cyl.

**STEP 2** V8 and Inline 6: Remove stock outer pressure regulator spring and replace with **Green** Spring supplied with kit.

V6 and 4 Cylinder: Remove stock outer pressure regulator spring and replace with **Yellow** Spring supplied with kit.

**STEP 3** V8 and Inline 6 Only: Remove and discard accumulator valve spring.

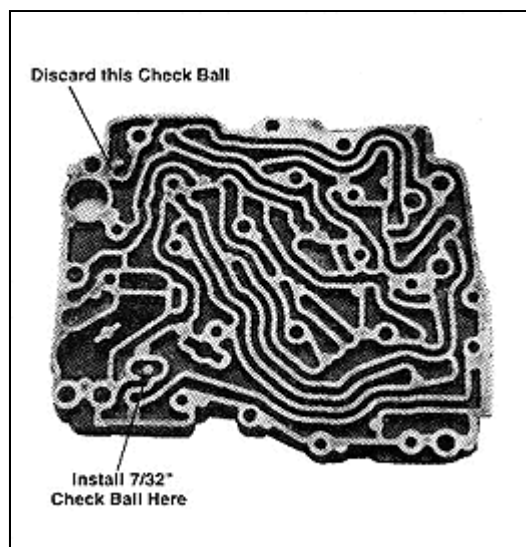
**STEP 4** V8 and Inline 6 1970-1 976 Only: Remove stock 1-2 shift valve spring and replace with **Blue** Spring supplied with kit.

4 Cylinder and All 1977 and Later: Do not remove 1-2 shift valve spring. Use original spring combination.

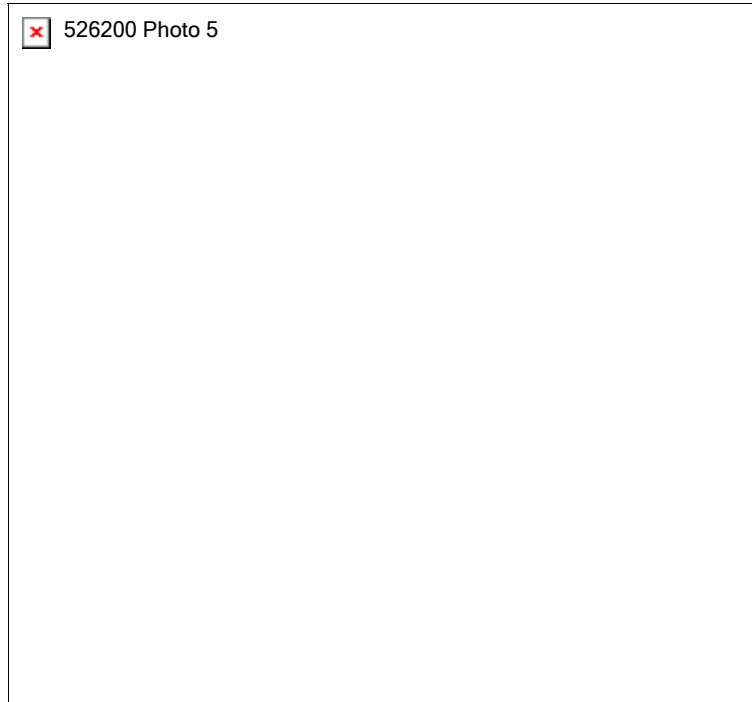
**STEP 5** All Models: Remove stock 2-3 backout valve spring and replace with **White** Spring supplied with kit.

**STEP 6** All Models: Replace throttle booster valve spring with **Black** Spring supplied with kit. **NOTE**: If stock spring is longer than new spring, do not replace-use stock spring.

**STEP 7** All Models: Compare lower valve body to **Photo 4** and **Photo 5**. It should be the same. Install check ball as shown.



**Photo 4**



**Photo 5 - V6 / 4 Cyl.**

<p><b>STEP 8 All Models:</b> Upper valve body - Install check ball and servo check valve (rubber disc) as shown in <b>Photo 6</b>.</p>	<p style="text-align: center;"><b>Photo 6</b></p>
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**STEP 9 V8 and Inline 6 Only:** Remove separator plate and enlarge hole as shown in **Illustration 7**. Use drill bit supplied with kit.

**STEP 10** After completion of modifications to valve body, reassemble and reinstall into transmission.

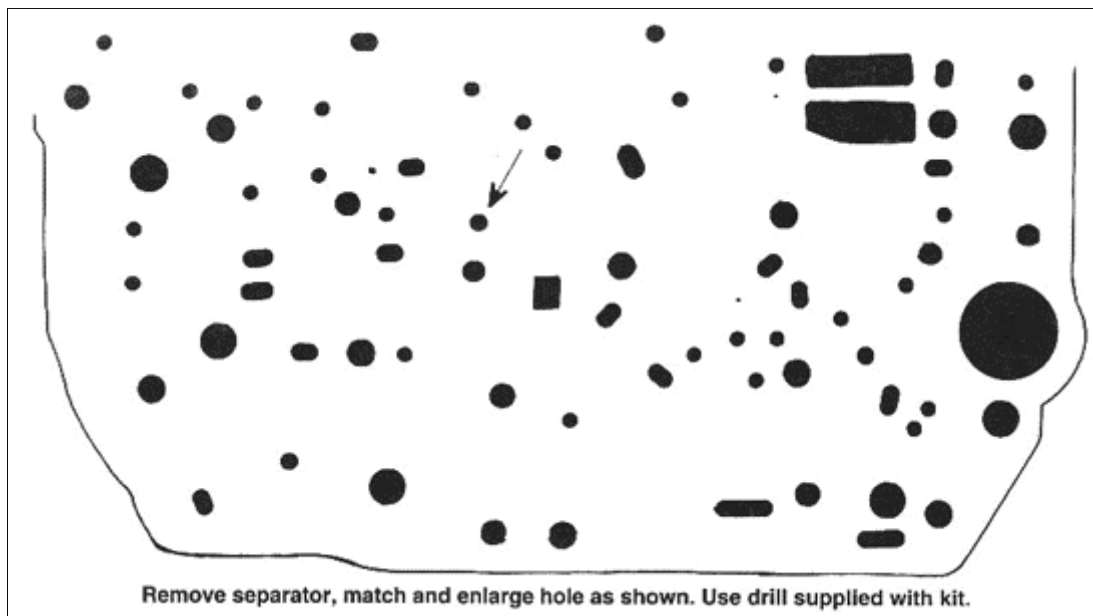


Illustration 7

**Remove separator, match and enlarge hole as shown. Use drill supplied with kit.**

### TRANSMISSION MODIFICATION

The transmission should be in good working order before installing the TCI® Valve Body Performance Kit. This kit is not a rebuild kit. It is recommended that you should service your transmission if you are experiencing transmission problems.

**NOTE:** If transmission has been removed it is recommended that the high gear drum should be sanded. Remove band. Check band for wear and replace if necessary. Using 120-180 grit sand paper or emery cloth, sand in circular motion the area where the band rides. Clean drum thoroughly before installing it back into the transmission.

**STEP 11 Remove Push-In Modulator:** Replace stock modulator rod with new rod supplied. Insert modulator shim between modulator and transmission case (If firmer or later shifts are desired, removal of the shim may be necessary). Reinstall modulator into transmission.

**STEP 12 Band Adjustments:** Intermediate Band (Front Band) - Tighten adjuster to 10 ft. lbs. Back off 1½ turns. Low-Reverse Band (Rear Band) - Tighten adjuster to 10 ft. lbs. Back off 3 turns.

**STEP 13** Complete transmission assembly. Reinstall into vehicle. Fill transmission to proper fluid levels.

**STEP 14 Kickdown Adjustment:** Back off kickdown linkage until there is no kickdown above 45-50 mph. It may be necessary to bend the linkage to do this. Readjust linkage until you are able to get passing gear at full throttle only.

05/2000

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