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TCI[®] 529700 ADAPTER KIT

This kit will allow you to adapt a Ford 429-460 engine (1.835 Pilot Bushing) to all GM transmissions.

Use of this adapter kit will require use of a special torque converter. **A stock torque converter WILL NOT WORK.** The torque converter must be extended in length by 1/4" (longer) than a stock converter and **MUST** have the small GM bolt pattern.

This Kit Contains:

Five (5) 3/8"x24 Studs and Nylon Lock Nuts (Mounts Trans to Adapter Plate)
Seven (7) 7/16"x14x1" Flat Head Socket Head Bolts (Mounts Adapter to Engine)
One (1) 1.835" Std. Crank Sleeve*
One (1) 1/4" 6061T6 Aluminum Adapter Plate
One (1) SFI 164 tooth Adapter Flexplate TCI 529742

*Some of the Ford engines came with a 1.850" crank. TCI[®] will exchange the 1.835" crank sleeve for the 1.850" If you will return the 1.835" prepaid with a copy of your sales invoice to TCI[®].

Installation Instructions:

After you have verified the parts list with the parts you received, you are ready to install your TCI[®] 529700 Adapter Kit. You should consult a service trade manual for torque specifications that are not recommended by this instruction sheet.

****NOTE: It may be necessary to modify the adapter plate to fit your chassis. It can be trimmed by using a band saw or hack saw. It may be trimmed up to two inches from the mounting holes.**

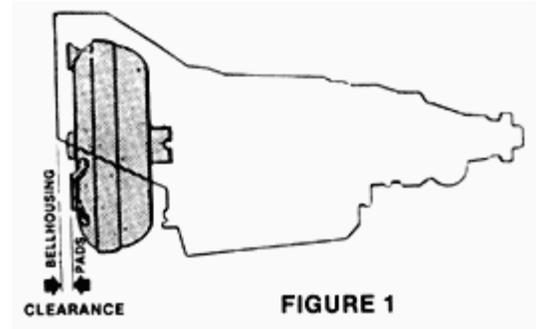
Step 1: Bolt adapter plate to engine using bolts provided with kit.
Step 2: Slide crankshaft sleeve Into original crankshaft pilot space.
Step 3: Install 529742 Flexplate: Loctite and torque (60 ft. pounds).
Install your starter and check for proper alignment with the flexplate teeth.

(A) Seven (7) 7/16"x14x1" Flat Head Socket Head Bolts (mounts adapter to engine)
(B) Five (5) 3/8"x24 Studs and Nylon Lock Nuts (mounts trans to adapter)
(C) Crankshaft Sleeve

Step 4: Install torque converter into transmission. (an OEM will not work)
Step 5: Check depth clearance between pads of converter to outside edge of transmission bellhousing (**SEE FIGURE 1.**) and compare to **chart 1.**
Step 6: Bolt transmission onto the TCI adapter plate. Use nuts provided with kit.
Step 7: Bolt converter to flexplate.

DEPTH CLEARANCE:	
GM Turbo-Hydramatic 350	7/8" from Bell Housing to Pads
GM Turbo-Hydramatic 400	15/16" from Bell Housing to Pads
GM Powerglide	7/8" from Bell Housing to Pads
*Distance may vary either way .050".	

Chart 1



Step 8: Check all fluid levels and add fluid to bring to safe operating levels. DO NOT OVERFILL TRANSMISSION.

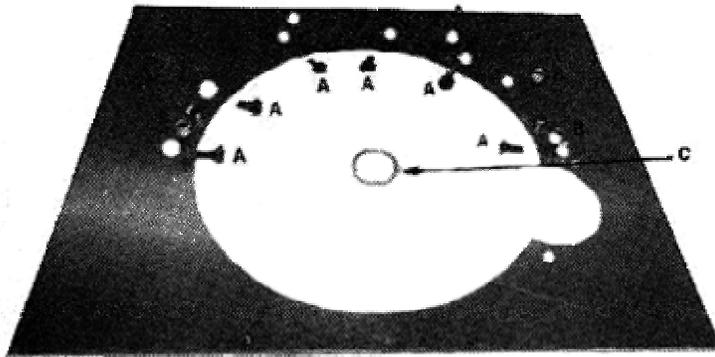


Figure 1

Photo 1

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