

ADVANCE ADAPTERS INC.

P.O. Box 247, 4320 Aerotech Center Way

Paso Robles, CA 93447

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P/N: 712547

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Page Rev. Date: 11-02-09

CHEVY V8 BELLHOUSING WITH INTERNAL HYDRAULIC CLUTCH CONTROL

KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	1	712547-BLK	ADVANCE ADAPTERS BELLHOUSING
2.	1	712548-PLT	DUST COVER PLATE
3.	1	712547-A	McLEOD INTERNAL RELEASE BEARING
4.	1	712547-B	DASH 4 HYDRALIC HOSE 42"
5.	1	712547-C	HYD. HOSE HOLD DOWN BRACKET
6.	1	712547-D	MASTER CYLINDER FITTING
7.	1	712547-E	CRUSH WASHER FOR MASTER CYLINDER
8.	2	712547-F	RUBBER GROMMET FOR P/N 712547-C
9.	1	716170	GM PILOT BUSHING
10.	1	716332	RUBBER BOOT
11.	4	723103	5/16 LOCK WASHER
12.	4	723123	5/16"-18 x 1/2" H.H.C.S.
13.	6	723722	3/8"-16 x 1-1/4" H.H.C.S.
14.	2	723730	3/8"-16 x 1-1/4" S.H.C.S.
15.	4	724303	7/16" LOCK WASHER
16.	4	724308	7/16"-14 x 1-3/4" H.H.C.S.
17.	1	724356	7/16"-20 x 3/4" H.H.C.S. (for 712547-C)

Note: This kit will not work on 1994 and newer T5's from a 2.2L 4cyl. 1993 applications need to verify the T5 bolt pattern.

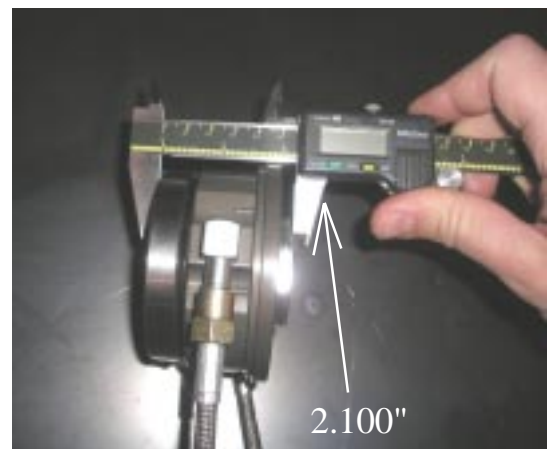
NOTE:

This bellhousing should be used with our 11" pressure plate, [P/N 716102-P \(CF361877\)](#) and 11" clutch disc, [P/N 716102](#).

INSTALLATION INSTRUCTIONS:

This bellhousing is designed for a 11" flywheel assembly and uses an internal release bearing supplied by McLeod Industries. You must read both this instruction sheet and McLeod's instructions **fully**. In order to work properly with the internal release bearing, a unique pressure plate and clutch disc are also required. **These parts are sold separately under the part numbers listed above.** To the best of our knowledge, these items will provide the proper internal stack height of clutch components inside our new bellhousing.

1. The front bearing collar must be shortened 1". Remove bearing collar, cut, remove any burs, apply sealant and re-install. Refer to the drawing on the last page, for a length of the shortened collar.
2. Adjust internal release bearing. Based on our measurements and trial installation we have included this dimension to help speed the installation. For specifics in how we determined this dimension please refer to the McLeod instructions. This dimension is 2.100" in as shown in the photo to the right. The aluminum collar in the rear of the release bearing is threaded, to provide length adjustment.



SPECIAL NOTE: The components packaged in this kit have been assembled and machined for specific type of conversions. Modifications to any of the components will void any possible warranty or return privileges. If you do not fully understand modifications or changes that will be required to complete your conversion, we strongly recommend that you contact our sales department for more information. This instruction sheet is only to be used for the assembly of Advance Adapter components. We recommend that a service manual pertaining to your vehicle be obtained for specific torque values, wiring diagrams and other related equipment. These manuals are normally available at automotive dealerships and parts stores.

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3. Bolt transmission to the Advance Adapters bellhousing.
4. Cut through 1 side of the grommets so they can be installed over the release bearing hose. Slide bracket over hoses as seen in the photo, and push grommets into bracket. Make sure that you orient the internal release bearing so that the bleeder hose is on the top.
5. Push the bearing assembly over the bearing retainer until adjusting nut against bearing collar face. Use the supplied bolt and blue Loctite to fasten the hose bracket to the bellhousing.
6. Install flywheel, pilot bearing, and clutch assembly. Refer to a service manual as needed.
6. Install transmission/bellhousing assembly into vehicle.
7. **Check clearance between the front face of the release bearing and fingers of pressure plate.** A feeler gage set works well for this. Mcleod specifies a minimum of .100" and a maximum of .300". If your clearance does not fall within this window, do not continue! Remove transmission and adjust release bearing as needed.
8. Once proper clearance has been established, install the rubber boot over the release bearing hoses and into the side of the bellhousing.
9. The release bearing will need to be plumbed to the master cylinder. Refer to the Mcleod instructions for adjustment of the clutch pedal and for bleeding information.



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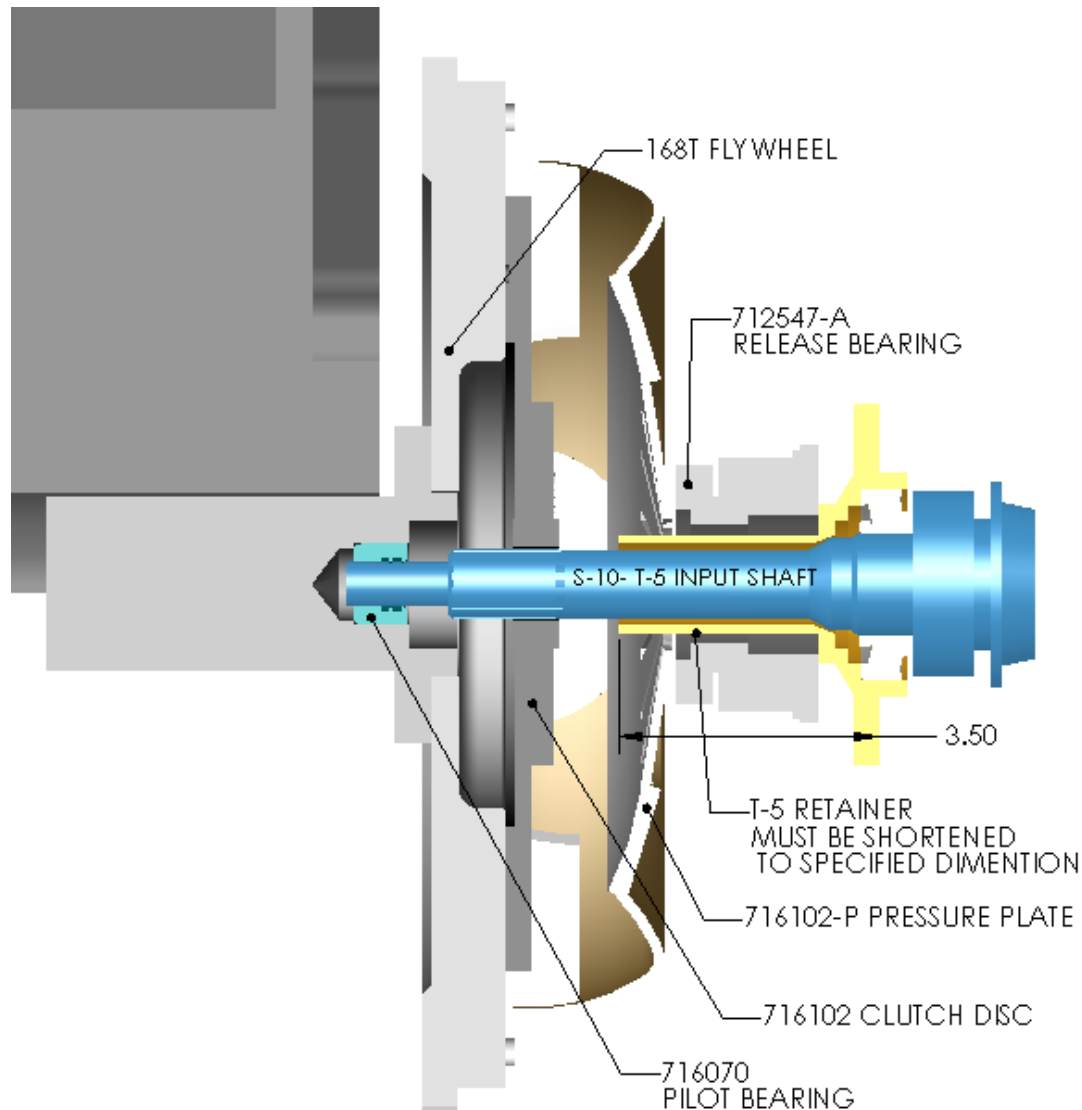
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