

ADVANCE ADAPTERS INC.

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Page Rev. Date: 03-07-09

CHEVY V8 ENGINE MOUNTS TO CHEROKEE XJ VEHICLES

KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	2	4980	RUBBERENGINE MOUNT INSULATORS
2.	1	713109-L	DRIVER'S SIDE FRAME BRACKET
3.	1	713109-R	PASSENGER SIDE FRAME BRACKET
4.	2	724301	7/16"-14 NYLON LOCK WASHER
5.	4	724302	7/16" FLAT WASHER
6.	2	724303	LOCK WASHER
7.	2	724345	BOLTS 7/16"-14 X 5" LG.
9.	1	JP001	JEEP INSTRUCTION MANUAL

NOTE:

Due to the various stock engines and transmission combinations driveline modifications may be required when installing the new GM V8.

The GM rubber mount supplied in this kit may be a tight fit between the tabs on our mount. If so slightly squeeze the two tabs on the GM mount closer together for a proper fit to the Advance Adapters mount. These GM mounts supplied sometimes vary in widths from the manufacture.

INSTALLATION PROCEDURES:

The original motor mounts will need to be removed from the frame rails and the new mounts must be bolted into position using the original bolts. We recommend trial fitting the engine mounts into position for possible modification to the gussets on the engine mount portion of the block mount. We have found some variation as to the frame rail width which changes the bolting location. If your mounts cannot be easily fit to the engine, it may be necessary to modify the gussets that are welded to the frame brackets. Contact the factory for additional assistance.

The engine mounts will set the GM V8 at a height that will allow minimum hood clearance. Engines equipped with throttle body fuel injection, will need to modify the air cleaner. The new mounts will position the engine so that minimum suspension clearance between the front suspension arms and lower engine will be insufficient. A suspension lift is required on all engine installations.

A transfer case linkage mount will be necessary in order to provide a pivot point for the transfer case control lever. Advance Adapter shifter bracket No. 715524 will provide the necessary linkage mounting for TH350 and 700R-4 transmission conversions.

FUEL PUMPS:

When installing a TPI or Throttle Body engine, you will need to install a high pressure fuel pump. The new pump can be installed into the fuel tank or the In-Line Holley fuel pump can be used as an alternative.

TRANSFER CASE LINKAGE:

The original linkage was equipped with a bracket that slipped under two (2) of the transfer case stud bolts. It will be necessary that you extend the original bracket outward approximately 1" to permit clearance around the GM TH350 governor cover. This can be easily performed by simply welding two small pieces of bracket material to the original bracket. The linkage rod will not need any modifications. We offer a shifter bracket Kit No. 715524 that will simplify this operation.

TRANSMISSION LINKAGE:

In the center portion of the transmission tunnel, back towards the transfer case, you will find a pivot linkage bracket that was used for column shifters that control the original automatic transmission. In order to get the new engine assembly into position, this bracket must be removed.

SUSPENSION LIFTS:

A suspension lift is mandatory in order to have the proper suspension clearance. Failure to use a suspension lift will not give the proper engine clearance which will cause both engine and suspension damage.

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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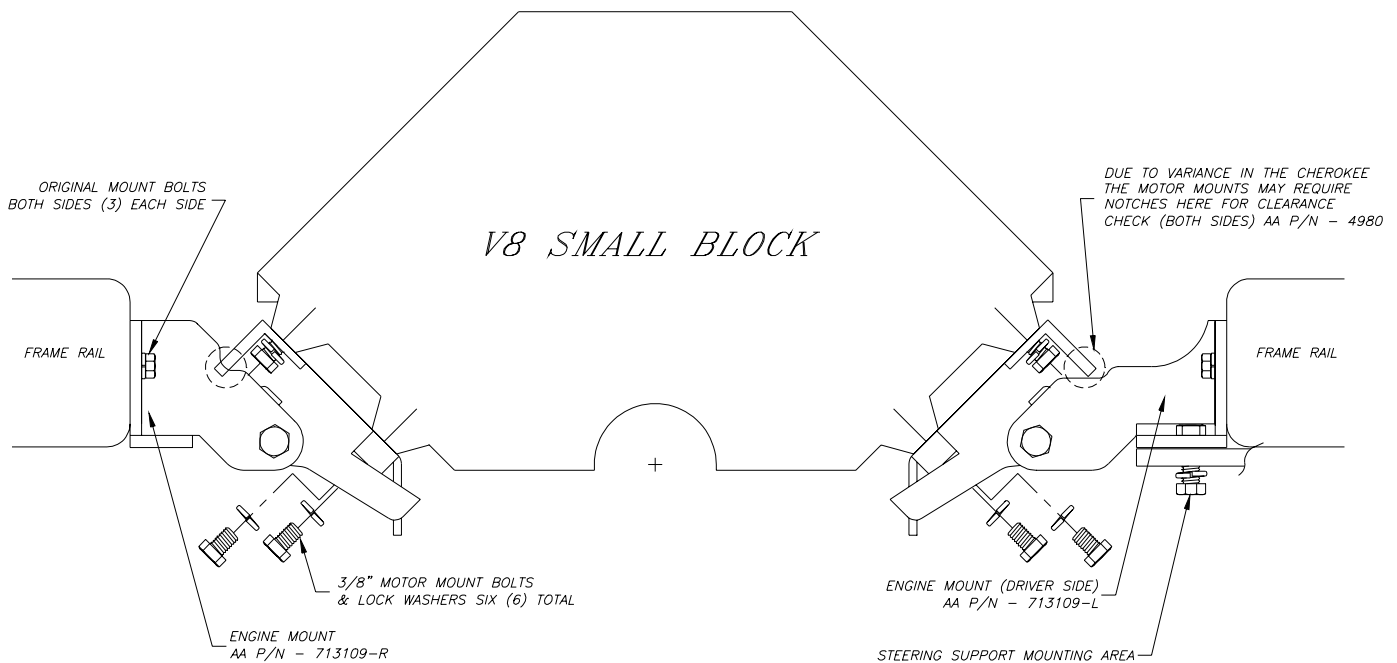
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NOTE:

ADVANCE ADAPTERS REQUIRES A SUSPENSION LIFT FOR ALL V-8 CONVERSIONS. WITHOUT A SUSPENSION LIFT, THE CLEARANCE BETWEEN SUSPENSION ARMS AND BOTTOM OF ENGINE MOUNTS WILL BE LIMITED TO 2-1/2".

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