



# PART # 78070, 78073, 78076 INSTRUCTION SHEET DODGE & PLYMOUTH (SHORTY) 1962-1974 B & E BODIES (361-440)

**CAUTION!**

This is a custom designed exhaust header system, designed for this particular application (s). Do not bend, bang, cut, dent, drill or heat any portion of this header! Any alteration other than those suggested in this instruction sheet will void the Hedman Lifetime Guarantee!

To prevent leaks, install your headers using Hedman Hedders exhaust gaskets ONLY and a spray copper gasket sealant.

## BEFORE STARTING INSTALLATION:

It is necessary to raise the vehicle at least 36 inches from the ground. A floor hoist is recommended, if not available, use a hydraulic floor jack with jack stands. **DO NOT USE A BUMPER JACK!**

**NOTE:** These Shorty Headers require the use of a HI TORQUE Mini-Starter. Hedman suggests a POWERMASTER #9533 or equivalent be used!

## PRE-INSTALLATION:

1. Disconnect Battery and drain radiator.
2. Number, then remove the Spark plugs, and clutch linkage (if manual).
3. Remove the stock exhaust manifolds, starter, and center motor mount bolts on the right and left sides.
4. With a stud remover, carefully remove the exhaust manifold studs from both sides.
5. Raise engine approximately 3" (Not required on all motors).

## INSTALLATION:

6. With gaskets in place, install the right and left side headers from the bottom of engine compartment. Loosely install a couple of header bolts to hold in position.
7. With engine raised & headers loose, install the new mini starter following the starter manufacturer's instructions.
8. Carefully lower the engine and replace center motor mount bolts on both sides.
9. Apply hi-temperature sealant to all header bolt threads to prevent coolant leakage (don't forget to remove and seal the header bolts previously installed). Starting from the center bolts and working outward, re-install and tighten all header bolts.
10. Models with automatic transmission, **see ill. A & B** (Not required on all models.)
11. If manual transmission, re-install clutch linkage. **see ill. C** (Not required on all models.)
12. Reinstall spark plugs. In some cases, spark plug wires will have to be lengthened and plug boot protectors installed to eliminate damage caused by header heat.
13. Refill radiator with coolant, and connect battery.
14. Check all gas lines, brake lines & wires for sufficient clearance. Re-route as necessary.
15. Re-connect complete exhaust system.
16. Start engine, test drive vehicle, allowing engine to gain normal operating temperature. Check for leaks and new or unusual noises After test drive, re-tighten all bolts.

## ILLUSTRATIONS

Illustration A

**Before**

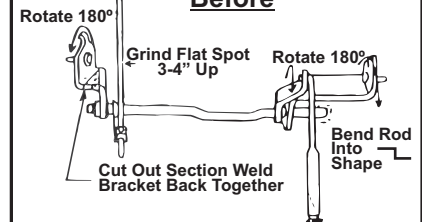


Illustration B

**After**

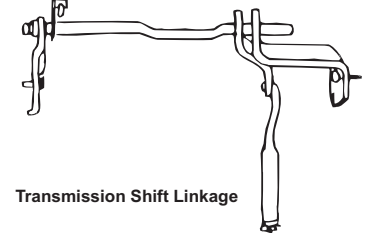
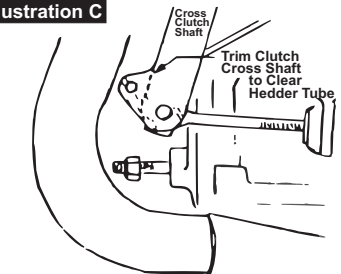


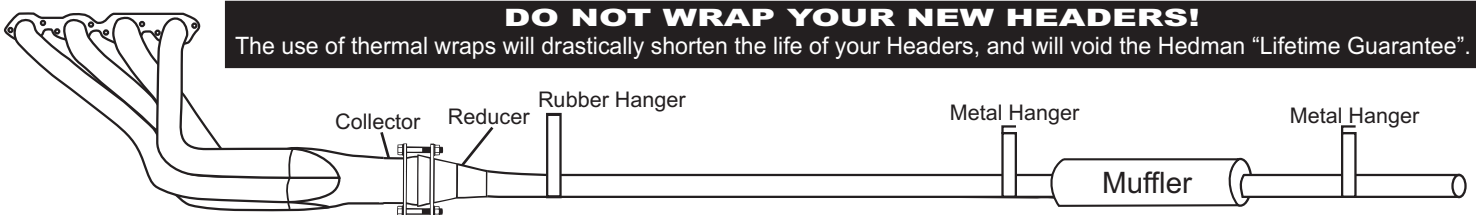
Illustration C



ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.

## SPECIAL INSTRUCTIONS!

After installing your headers it is very important that your exhaust system be suspended properly. As indicated in the drawing below you must place hangers as close to the header collector as possible. Rubber hangers should be used to allow the front of the system to flex with the engine torque. A hanger is needed before and after the muffler (s). When your exhaust system is unbolted from the header collector, it should remain suspended all by itself. Your Headers Are Not designed to support your exhaust system. Failure to follow these instructions will most likely result in cracks around the area where your primary tubes and collector are welded together, and will nullify your "Lifetime Guarantee".



**WARNING:** Removal of catalytic converters and other factory air pollution control devices is illegal. We recommend you adhere to your state's local laws. Our testing indicates performance is not significantly affected by these devices.

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