



## PART # 28140, 28143, 28146 INSTRUCTION SHEET

1967-81 Pontiac Firebird & Trans-Am (326-455)  
1964-77 Pontiac GTO, Tempest  
1970-74 Pontiac Grand Prix  
1973-77 Pontiac Grand-Am, Lemans  
**Automatic transmissions only!**

### BEFORE STARTING INSTALLATION:

IMPORTANT

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 Heddgers exhaust gaskets ONLY and a spray copper gasket sealant.

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!

**THE FRONT & REAR-MOST EXHAUST MANIFOLD BOLT HOLES  
MAY NOT BE MACHINED INTO SOME PONTIAC CYLINDER HEADS**



END BOLT HOLES MAY REQUIRE DRILLING & TAPPING

### INSTALLATION INSTRUCTIONS:

1. Disconnect battery, number plug wires and remove spark plugs.
2. Remove old exhaust pipes, oil filter and oil filter housing from block (3 bolts). **In most cases, the oil filter will need to be relocated to provide clearance for the long tubes. We recommend Trans-Dapt #1120 filter relocation kit.**
3. Disconnect starter wires and remove starter.
4. Remove the bolts connecting the engine mounts to the frame perch and raise engine.
5. Remove factory exhaust manifolds and clean mounting flange on block to remove any gasket material or sealant.
6. Prepare supplied Hedman gaskets by spraying with copper gasket spray (follow spray manufacturer's instructions)
7. Install gaskets and headers.

#### LEFT SIDE:

8. Place the left side gasket and header into position. Loosely install the front and rear header bolts, then loosely install all header bolts. After all bolts are started, tighten down evenly, starting from the inner-most bolts and working outward.
9. Lower starter wires as much as possible. Reconnect and Install starter. **YOU SHOULD NOT SEE STARTER WIRES AFTER STARTER HAS BEEN INSTALLED.**

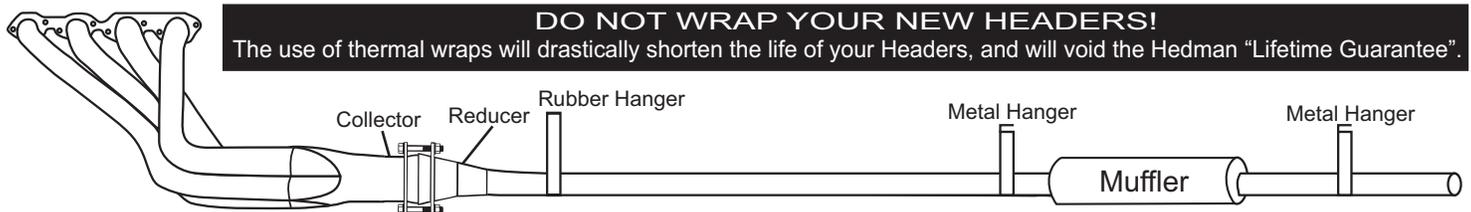
#### RIGHT SIDE:

10. Place the right side gasket and header into position. Insert a front and rear header bolt, then loosely install all header bolts. After all bolts are started, tighten down evenly, starting from the inner-most bolts and working outward.
11. Reinstall engine oil filter housing, along with a Trans-Dapt 1120 filter relocation kit. Filter relocation required for header tube clearance.
12. Lower engine and tighten motor mounts. Old motor mounts weaken and sag, which lowers the engine position. If the headers come into contact with the cross member, it will be necessary to replace motor mounts.
13. Bolt the included header reducers (exhaust adapters) to header collectors, then weld them to the vehicle's exhaust system.
14. Reconnect battery and replace spark plugs.
15. Check to make sure there is enough clearance between the headers and all wires, brake and fuel lines.
16. Start engine and allow it to reach normal operating temperature. Check for leaks. Test drive vehicle and listen for any new or unusual noises. After test drive allow engine to cool then re-torque all header bolts. If you are installing 28140 uncoated headers without first removing the temporary protective black paint, the coating will begin to smoke when the engine heats up. The coating is non-flammable and the smoke will stop after a few minutes, once the coating burns off.

**ENJOY THE INCREASED PERFORMANCE OF YOUR NEW HEDMAN HEDDERS!**

### 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 abide by the law. Our testing indicates performance is not significantly affected by these devices.

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