



PART # 39500 & 39506 INSTRUCTION SHEET 1986-88 SUZUKI SAMURAI

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!**

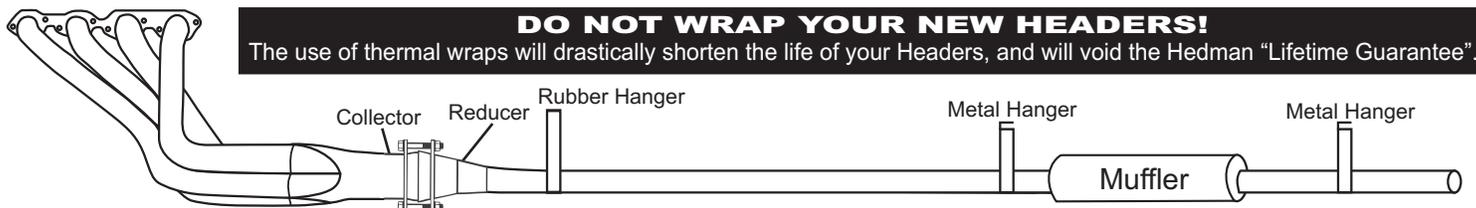
INSTALLATION INSTRUCTIONS:

1. Remove positive cable from battery to prevent damage to your electrical system.
2. Remove Heat Shield that covers the exhaust manifold.
3. Disconnect heat riser hose.
4. Disconnect heat riser plug.
5. Disconnect stock exhaust head pipe from converter and manifold.
6. Remove exhaust manifold.
7. With gasket in place, install header from the top. Start stock nuts and bolts. Tighten evenly.
8. Install reducer with heat sensor fitting (Part #21106 sold separately) and hook up to your exhaust system.
9. Reconnect the oxygen sensor plug into the appropriate fitting on the reducer. Reroute wire as necessary or add a piece of wire making sure it is the same electrical gauge and heat resistant. **NOTE: This should be the same ohms as the original.**
10. Replace and reconnect all parts that have been removed or disconnected.
11. Make sure all brake and fuel lines and electrical wiring have sufficient clearance.
12. 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 header bolts.

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: Not applicable or intended for street or highway use. Legal only for racing vehicles which may never be used upon a public highway.

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