

## # 2069490

Description: 2-1/2" Long Tube Header Dual System S10 2WD with 350 c.i. V8 and turbo 350 transmission.

**Notes:** OFF-ROAD RACE USE ONLY!! This product is not intended for use on public roads, and is illegal to use on public roads. Check your local laws. Room has been left for use with converters to be installed if needed.

This product was designed for use with Hedman Hedders #69490, Trans Dapt mount system #4689, a 350 V8 with a turbo 350 transmission. Any other combinations will require modification.

Welding is required on this kit for the hangers in front and behind the muffler.

You will need to reroute the fuel lines.

On the passenger side, pound the fire wall for clearance of the header and exhaust.

New holes will need to be drilled in the frame and transmission cross member, and it will need to be moved back about 1.5" for use with the 700R4 transmission.

The mounting bracket on the transmission cross member has a lip on the front that will need to be ground flat for proper clearance on the transmission mount, drill 2 new holes and bolt into place.

On the driver side, you will need to cut or trim the corner of the bell housing and the transmission for pipe clearance immediately after the collector.

This kit will not clear oversized spare tires, nor many aftermarket receiver hitches. If you have a receiver hitch that it will not clear, you will need to route your exhaust behind the rear tires.

### Instructions:

#### DO NOT TIGHTEN ANY BOLTS OR CLAMPS UNTIL THE LAST STEP!!

- 1) Install the engine and transmission, along with the long tube headers, refer to the header installation instructions for details.
- 2) If you have a regular cab model, you will need to trim the front pipes to length, refer to step 3). Please check lengths before cutting by making sure you don't trim too much off. Install the passenger side front pipe to the header using the flange and hardware (3/8" x 3" bolts and nuts) that were included with the headers. This pipe has 2 bends, it runs below the cross member.
- 3) Repeat step 2) for the driver side, it has 4 bends, and is routed between the cross member and the floor (above the cross member). Note: you will need to reroute your fuel lines for installation.
- 4) For those with regular cab short box, you will need to trim 14-1/2" from the front extension pipes. For regular cab long box, you will need to trim 6" from the front pipes. For extended cab short box, no cutting is necessary.
- 5) Install the I.D. end of the extension pipes to the front pipes using 2-1/2" clamps. There are 2 bends in these extension pipes, they will need to be rotated so as to be able to install the muffler inlets.
- 6) Install the inlets of the muffler (it is not reversible) to the outlets of the extension pipes using 2-1/2" clamps. You will need to rotate the extension pipes for installation.
- 7) Install the passenger side tail pipe to the passenger side muffler outlet using a 2-1/2" clamp. This tail pipe has 4 bends, the short end is the inlet, and it is routed between the shock and the spare tire.
- 8) Install the I.D. end of a 15" tail pipe extension to the rear of the passenger side tail pipe using a 2-1/2" clamp. Above the connecting point of these pipes is a frame cross member. You will need to drill a 5/16" hole in the cross member to install a BR91930 swinger hanger using a 5/16" x 1" bolt, lock washer, fender washer, and nut. Connect the hanger to the clamp used to connect the passenger side tail pipe to the tail pipe extension. This hanger should be mounted as to your preferred ride height.
- 9) Install the driver side tail pipe to the driver side muffler outlet using a 2-1/2" clamp. This tail pipe has 5 bends, the short end is the inlet, and it crosses over the rear differential and is routed between the shock and the spare tire, and between the spring and the spare tire. Oversized spare tires will need to be removed.
- 10) Repeat step 8) for the driver side.

11) We include 3 wire hangers to install as needed on the vehicle. There should be one mount in front of the passenger side muffler inlet, and one mount behind each of the muffler outlets. You will need to install the wire hanger to the mount above, tack weld to the pipe below, check for ride height clearance, and bend the hanger around the pipe using a hammer, and fully weld into place.

12) Tighten all clamps and bolts. Check for clearance of the frame, cross member, transmission, shock, springs, rear end, spare tire, brake and fuel lines. Check for any leaks and rattles.

**KIT CONTENTS for 2069490:**

- |                                      |  |
|--------------------------------------|--|
| 8) 2-1/2" Clamps                     | 3) BR92250 Wire Hangers                          |
| 2) Fender Washers (33219)            | 2) 5/16" Nuts                                    |
| 2) 5/16" x 1" Bolts                  | 2) 5/16" Lock Washers                            |
| 2) BR91930 Swinger Hangers           |  |
| 1) Passenger Side Front Pipe 2069491 | 1) #58622 Dual In/Out Performance Welded Muffler |
| 2) Extension Pipes 2069523           | 2) Tail Pipe Extensions 2069527                  |
| 1) Passenger Side Tail Pipe 2069525  | 1) Driver Side Tail Pipe 2069526                 |
| 1) Driver Side Front Pipe 2069492    |  |

**DANGER WARNING:** Should the purchaser decide to install this exhaust product at home, be warned that pleasure car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds.

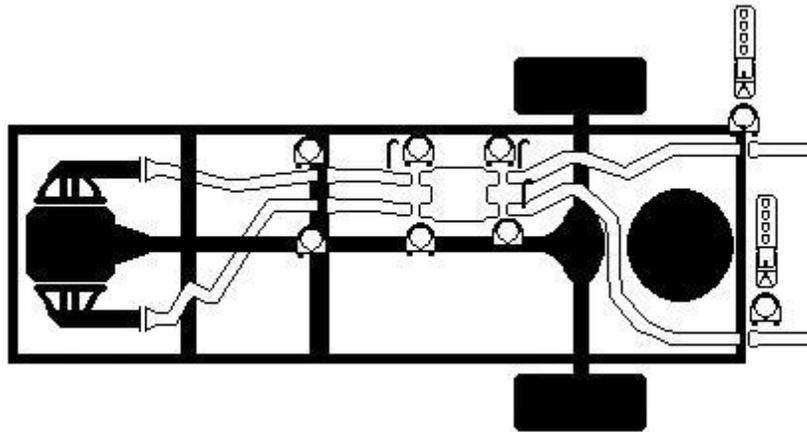
Limitation of liability--Disclaimers: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

The foregoing statement limits the liability of the manufacturer.



Note: for detailed installation pictures email us at [mike@heartthrobexhaust.com](mailto:mike@heartthrobexhaust.com)

[www.heartthrobexhaust.com](http://www.heartthrobexhaust.com)

Heartthrob Exhaust, Inc.--Litchfield, MN 320-693-0222

**BUILD SHEET FOR: S10 long tube header dual kit**

**PART #S: 2069490**

- \_\_\_\_\_ 1) dual in/out performance welded muffler #58622
- \_\_\_\_\_ 1) passenger side front pipe #2069491
- \_\_\_\_\_ 1) driver side front pipe #2069492
- \_\_\_\_\_ 2) extension pipes #2069523
- \_\_\_\_\_ 2) tail pipe extensions #2069527
- \_\_\_\_\_ 1) passenger side tail pipe #2069525
- \_\_\_\_\_ 1) driver side tail pipe #2069526
- \_\_\_\_\_ 1) **HARDWARE KIT**

**INSPECTED BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

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