

# GP310S STAINLESS HEADER

### **DODGE HEMI 2500HD 5.7L 2/4WD**

## GIBSON HEADERS ARE 50 STATE SMOG LEGAL

Thank you very much for purchasing our Gibson header for your vehicle.

If you need further assistance, please do not hesitate to call our Technical Department at (800) 528-3044

Monday through Friday
8:00 a.m. to 5:00 p.m. PST.

1270 WEBB CIRCLE CORONA, CA 92879

WHEN THESE INSTRUCTIONS ARE FOLLOWED PRECISELY, YOU WILL FIND THE INSTALLATION OF YOUR EXHAUST SYSTEM TO BE RELITIVELY SIMPLE. WE CANNOT OVER EMPHASIZE THE IMPORTANCE OF ADHERING STRICTLY TO THIS PROVEN APPROACH, AS IT WILL VIRTUALLY ELIMINATE ANY DIFFICULTIES WHICH YOU MIGHT OTHERWISE ENCOUNTER.

DUE TO RESTRICTED ROOM IN THE ENGINE COMPARTMENT, YOUR HEADERS MAY COME CLOSE TO CERTAIN BODY AND CHASSIS COMPONENTS. THIS IS A NORMAL CONDITION FOR AN INSTALLATION OF THIS TYPE. MAKE CERTAIN YOU HAVE ENOUGH CLEARANCE AROUND BRAKE, FUEL, AND ELECTRICAL LINES, ETC. IN SOME CASES, IT MAY BE NECESSARY TO RELOCATE ITEMS WHICH MIGHT BE ADVERSELY AFFECTED BY EXHAUST HEAT.

WARNING: INSTALLATION OF ANY TYPE OF "HEAT WRAPPING" MATERIAL ONTO THE HEADERS WILL DESTROY THE HEAT DISSISPATION PROPERTIES OF THE TUBING. THIS WILL CAUSE PREMATURE DETERIORATION OF THE METAL AND SUBSEQUENT FAILURE. USE OF ANY "HEAT WRAPPING" WILL VOID THE WARRANTY.

#### **SUGGESTED TOOLS**

10MM SOCKETS (SHALLOW AND DEEP)

12MM, 13MM WRENCHES (VARIOUS LENGTHS)

5/8" SOCKETS (SHALLOW AND DEEP)

3", 6", AND 12" EXTENTIONS FOR SOCKETS

SCREWDRIVERS AND/OR NUT DRIVERS (FOR HOSE CLAMPS)

SAWZALL (HAND -HELD POWER HACK SAW)

LUG NUT WRENCH

**JACK STAND** 

GOOD RUST PENETRANT

#### GP310S HEADER INSTRUCTIONS





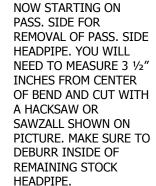






STARTING WITH THE REMOVAL OF STOCK MANIFOLD, REMOVE POSITIVE BATTERY CABLE IN THE ENGINE COMPARTMENT. NOW STARTING WITH THE DRIVERSIDE, REMOVE DRIVERSIDE HEADPIPE AND THEN REMOVE STARTER. FOR EASIER REMOVAL OF STOCK MANIFOLD AND INSTALLATION OF GIBSON **HEADERS NOW REMOVE** STOCK MANIFOLD AND HARDWARE MAKING SURE TO CLEAN HEAD SURFACE OF ANY DEBRIS, BEFORE INSTALLATION OF GIBSON HEADER.

INSTALL DR. SIDE **GASKET WITH FOUR BOTTOM BOLTS AND** WASHERS LEAVING AT LEAST 3/8" OF A GAP FROM CYLINDER HEAD FOR EAS Y **INSTALLATION OF** HEADER. NOW INSTALL **GIBSON HEADER AND** REMAINING HARDWARE **TOROUING** FASTENER TO 30 TO 35 FT. OF TORQUE. NOW **INSTALL STARTER ON** VEHICLE.













NOW AFTER PASS. SIDE HEADPIPE IS REMOVED. START REMOVING SHIELD, MANIFOLD, AND ALL STOCK HARDWARE. AFTER MANIFOLD IS REMOVED CLEAN HEAD SURFACE OF ANY DEBRIS ON CYLINDER HEAD. FOR EASIER INSTALLATION OF GIBSON HEADER.

INSTALL SUPPLIED
EXHAUST GASKET AND
BOLTS ON THE FOUR
BOTTOM HOLES ONLY,
LEAVING AT LEAST 3/8"
OF A GAP FOR
INSTALLATION OF
GIBSON HEADER. NOW
INSTALL GIBSON
HEADER AND THE REST
OF HARDWARE
TORQUING TO 30 TO 35
FT. OF TOROUE.

NOW INSTALL PASS. SIDE HEADPIPE ON VEHICLE. NOTICE NOT TO TIGHTEN HARDWARE JUST YET. NOW WITH DR. SIDE INSTALL GIBSON HEADPIPE AND SUPPLIED GASKET USING STOCK FLANGE, MOUNT HARDWARE. BEFORE TIGHTENING HARDWARE CHECK FOR PROPER CLEARANCE. NOW INSTALL SUPPLIED 2 1/4" CLAMP ONTO PASS. SIDE HEADPIPE AND TORQUE DR. SIDE & PASS, SIDE HEADPIPE TO 30 TO 30 FT.

NOW INSTALL SUPPLIED HEAT-WRAP ON PASSANGER SIDE HEATER HOSES ABOVE HEADER USING HEAT WRAP AND WIRE TIES. THIS WILL HELP PREVENT HEATER HOSES FROM MELTING. MAKE SURE TO DOUBLE CHECK THAT ALL FASTENERS ARE TIGHT AND HEATER HOSES ARE PROTECTED BEFORE STARTING UP YOU VEHICAL.

START ENGINE AND LET WARM UP. CHECK FOR LEAKS! SHUT ENGINE OFF. LET ENGINE COOL DOWN. CHECK TO MAKE SURE ALL FASTENERS ARE TIGHT. RETORQUE HEADER BOLTS AFTER 200-300 MILES. ATFER THE 200-300 MILE RETORQUE, YOU SHOULD CHECK THEM PERIODICALLY. A GOOD IDEA WOULD BE TO CHECK THEM EVERYTIME YOU CHANGE YOUR OIL. THIS WILL ENSURE THAT YOUR GIBSON HEADERS WILL LAST A LONG TIME.

#### HEADER PARTS LIST

- (1) 4" WIDE X 10" LONG HEAT WRAP PT#14034
- (4) 8" LONG STAINLESS WIRE TIES PT#14035
- (17) 8MM BOLTS PT# 3529
- (17) STAR WASHERS PT. # 225
- (4) 3/8" BOLTS PT. # 345
- (8) 3/8" FLAT WASHER PT. # 9565
- (4) 3/8" LOCK WASHER PT. # 9033
- (4) DR. SIDE HEADPIPE GASKET PT. # 9005
- (1) 2  $\frac{1}{4}$ " CLAMP PT. # 5756
- (4) 3/8" NUTS # 5057