



2010 CHEVY CAMARO V8 FULL LENGTH HEADERS PART# 4021/0/5, 4031/0/5

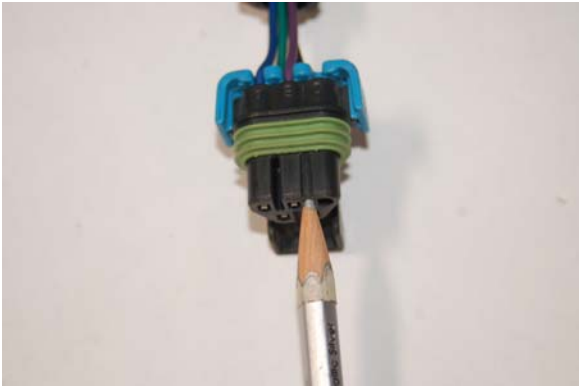
INSTALLATION INSTRUCTIONS

TOOLS REQUIRED- 8,10,13,15,22mm wrenches, 3/4" wrench, 13,15mm sockets, 5/8 spark plug socket, 3/8 ratchet, anti sieze.

- STEP 1** Disconnect negative cable on battery in trunk. Place rag over trunk latch so lid won't latch with battery disconnected.
- STEP 2** Remove oil cap and engine cover. Replace oil cap.
- STEP 3** Disconnect Mass Air Sensor plug.
- STEP 4** Loosen clamp on air inlet tube at throttle body. Disconnect plastic breather hose from tube at passenger side valve cover. Remove two nuts that secure air box. Remove inlet tube and air box.
- STEP 5** Remove spark plugs and spark plug wires.
- STEP 6** Remove dipstick and tube.
- STEP 7** Remove exhaust flange nuts for mid pipes, both sides.
- STEP 8** Disconnect O2 sensors plugs at back of engine, both sides.
- STEP 9** Raise car up and support with jackstands.
- STEP 10** Unhook rear O2 sensors.
- STEP 11** Loosen exhaust clamp at rear of mid pipe assembly, slide to release mid pipe assembly. Remove mid pipe/cat assembly.
- STEP 12** Remove stock exhaust manifold bolts. Remove the manifolds from the bottom of car. Remove stock gaskets. Make sure head surface is clean of debris.
- STEP 13** Install supplied O2 wire extensions to O2 sensor plugs at rear of engine. Route them down to back of bellhousing.
- STEP 14** From underneath, position headers onto heads and install a bolt or two to hold in place.
- STEP 15** From above, position gaskets in place and install all supplied header bolts and tighten. First to 11 ft lbs, then tighten to 18 ft lbs.
- STEP 16** Remove O2 sensors from stock mid pipes and install in the collectors of the headers. A little anti sieze on the threads only is a good idea. Connect sensor plugs to the extension wire plugs.
- STEP 17** Install supplied studs in collector flanges. Again using anti sieze on the threads.
- STEP 18** Install supplied cat sections or off road pipe sections to collectors and install supplied washers and nuts. Slide stock exhaust clamps over pipes to connect at rear. Position O2 sensor bungs at a slight upward angle. Tighten clamps and collector nuts.
- STEP 19** Remove rear O2 sensors from stock mid pipes and install in cat/off road sections, again using a bit of anti sieze on the threads only. Plug O2 sensors back into their connections.
- STEP 20** Reinstall spark plugs, wires, oil dipstick tube and stick.
- STEP 21** Reinstall the air box and inlet tube. Reconnect breather tube. Reconnect the Mass Air Sensor plug.
- STEP 22** Remove the oil cap and reinstall the engine cover. Reinstall the oil cap.
- STEP 23** Reconnect battery and start engine to check for any leaks. Retorque bolts after a 100 miles of driving.

O2 Sensor Wire Extension Modification

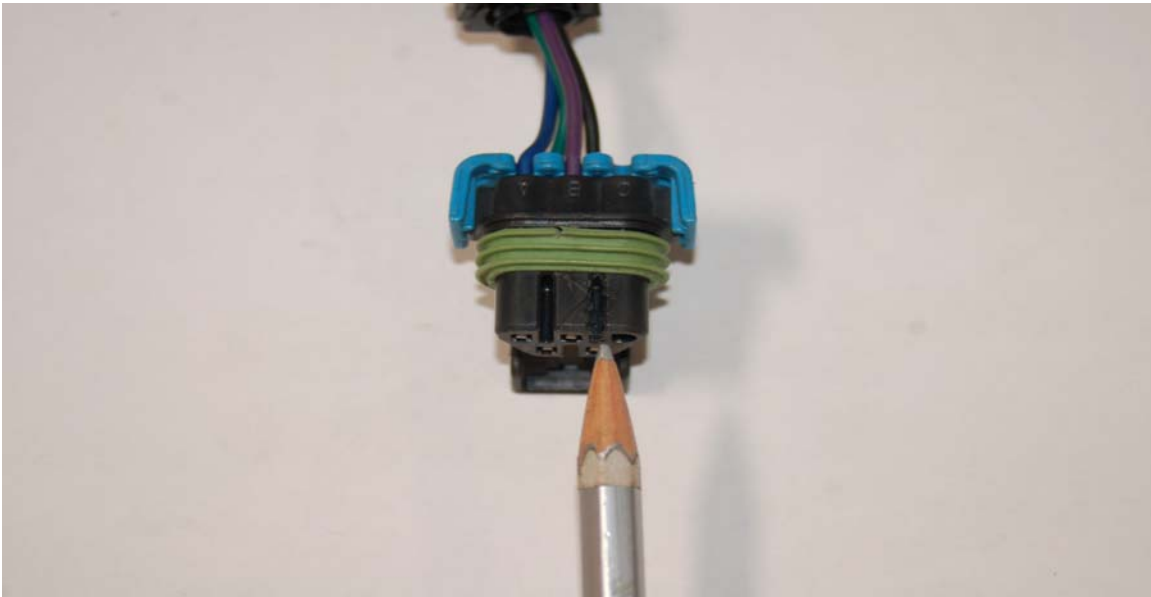
On the male connector of the provided extension wires, the plastic needs to be trimmed out of the other slot as shown in the pictures. Use a sharp knife to carefully trim out the plastic to open the slot. Also make this modification to the O2 sensor plug.



Open this slot up



Using a sharp knife



Shows slot opened up