



1993-98 Jeep Grand Cherokee 4.0L Inline 6  
**Header**  
 Part # 4052, 40520

Special Tools  
 Required:  
 • Basic Tools

Install Time:  
 Approximately  
 1 hour 30mins  
  
 Difficulty:  
 3 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

**STEP 1**

- Disconnect the negative battery terminal.

**STEP 2**



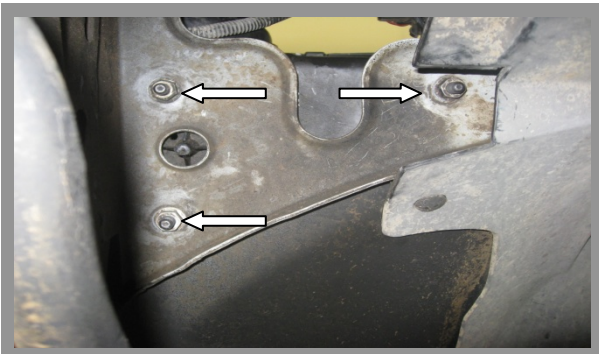
- Loosen the clamp at the throttle body by pulling the locking tab up.

**STEP 3**



- Remove the clips holding the top half of the stock air box assembly together to the bottom half, and also remove both vent hoses going to the air box.

**STEP 4**



- From underneath the vehicle remove the 3 nuts that secure the stock air box assembly.



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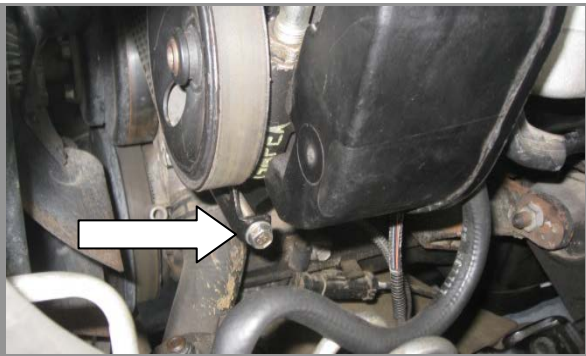


**STEP 5**



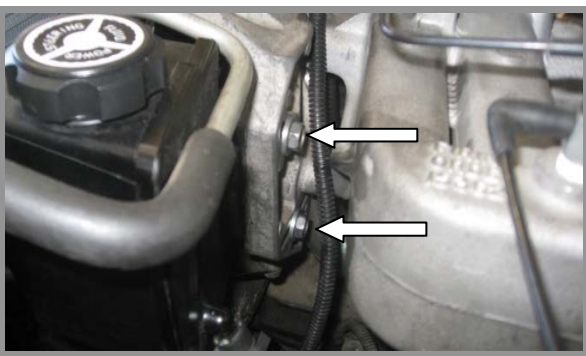
- While still underneath the vehicle, remove the hardware from the collector to the head pipe.

**STEP 6 (Removal of the Steering Pump)**



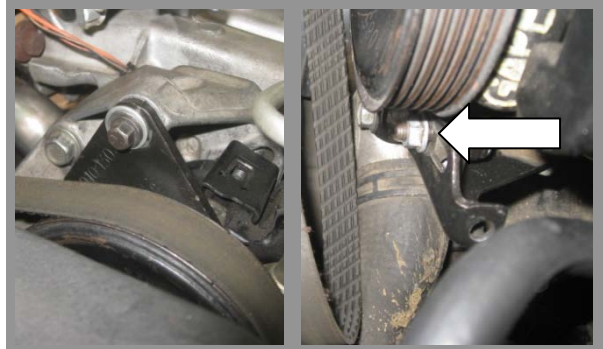
- Remove the long adjusting bolt from underneath the steering pump.

**STEP 7**



- Remove the 2 mounting bolts on the back of the steering pump.

**STEP 8**



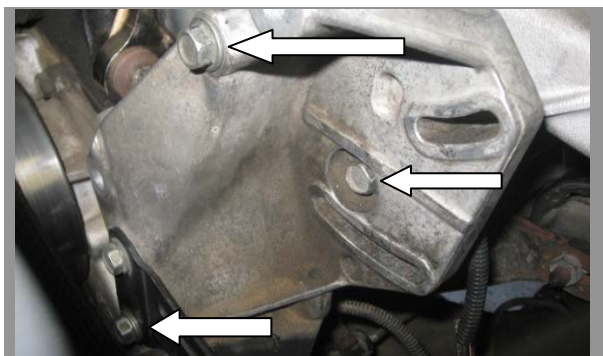
- Remove the top bolt on the black bracket above the pump and the nut on the bottom of the steering pump.

**STEP 9**



- After removing the belt and un-mounting the steering pump, move it off to the side to aid in Header installation.

**STEP 10**



- Remove the 3 bolts holding the steering pump bracket to the intake manifold.



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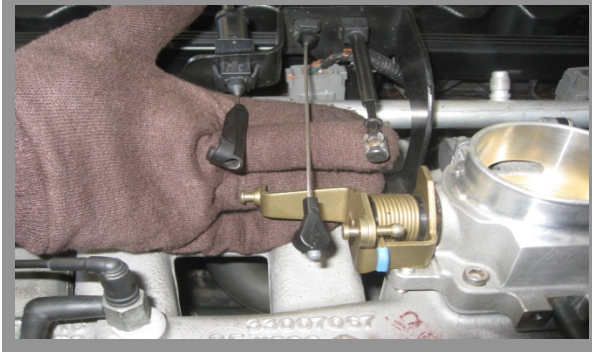
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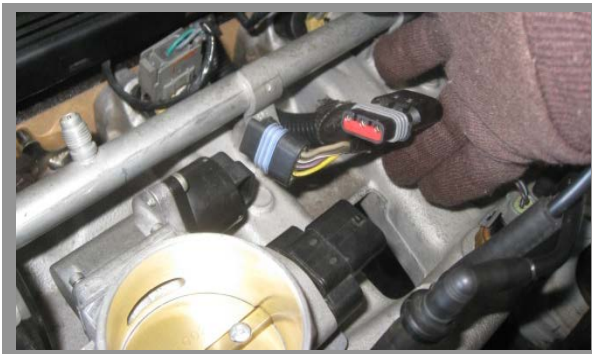


**STEP 11 (Removal of the Throttle Body)**



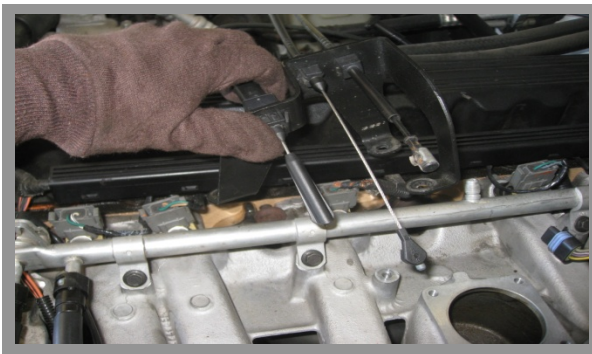
- Unclip the cable attachments from the throttle body linkage.

**STEP 12**



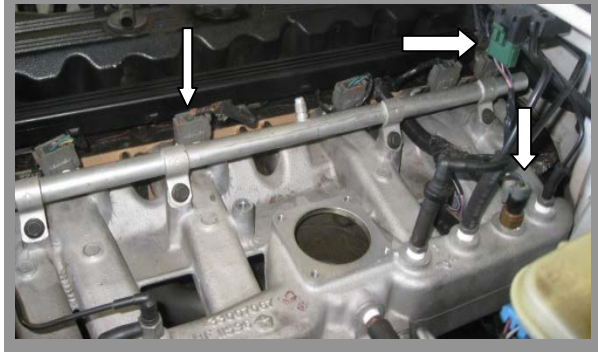
- Unplug all the electrical connections going to the throttle body. Unbolt and remove the throttle body.

**STEP 13 (Removal of the intake Manifold)**



- Unbolt the bracket holding the throttle body cables and move to the side.

**STEP 14**



- Disconnect all the fuel injector connections (6 total) and any other electrical connections for the intake manifold.

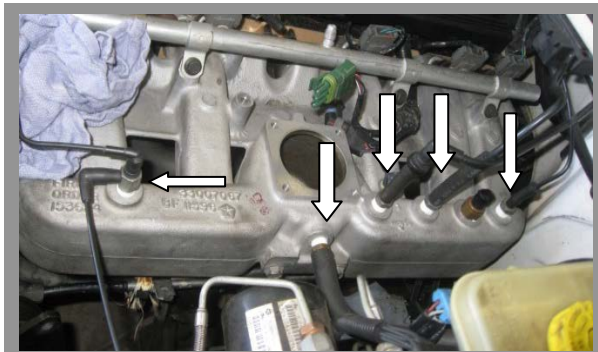
**STEP 15**



Use a rag to clean up any spilled gas

- Be sure there is no pressure in the fuel system and disconnect the 2 fuel lines going to the fuel rails by squeezing the tabs and pulling back on the lines.

**STEP 16**



- Remove all air lines (6 total) going to the intake manifold.



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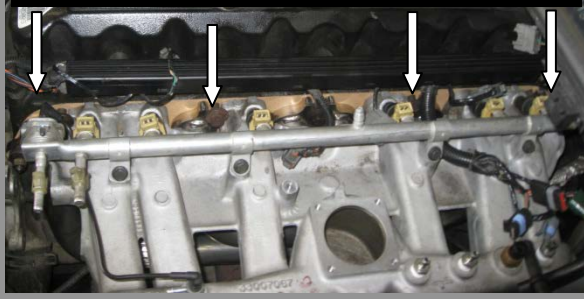
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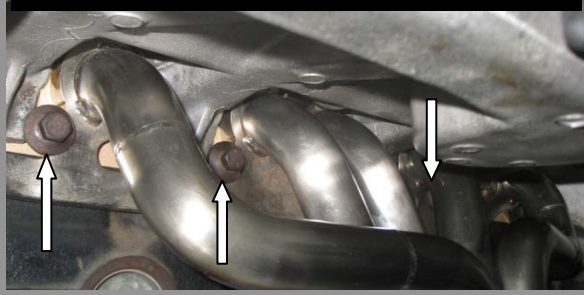


**STEP 17**

There 4 Bolts on the Top

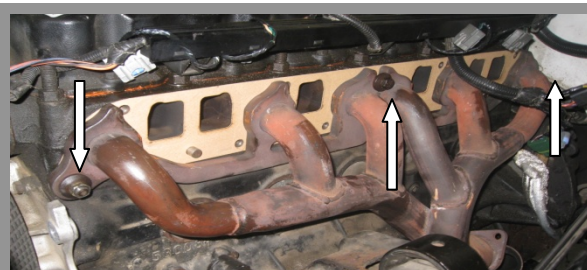


There are 3 Bolts on the bottom



- Remove all the bolts holding the intake manifold to the cylinder head.

**STEP 18 (Removal of the Stock Exhaust Manifold)**



There are 3 Bolts holding the exhaust manifold

- Remove all the hardware and remove the stock exhaust manifold from the vehicle.

**STEP 19 (Installing the BBK Header)**

Be sure the cylinder head surface is clean and smooth to prevent any exhaust leaks.



- Place the BBK Header into position and tighten the header down using the stock hardware.

**STEP 20 (Re-install the Intake Manifold)**

- Re-install the intake manifold by repeating steps 13-17

**STEP 21**

- Tighten the intake manifold by starting from the middle bolts and going outwards.

**STEP 22**

- Re-install the throttle body and steering pump. When tightening the belt adjuster (long bolt on bottom of the steering pump) there should be no more than 1/4 inch of total play in the belt.

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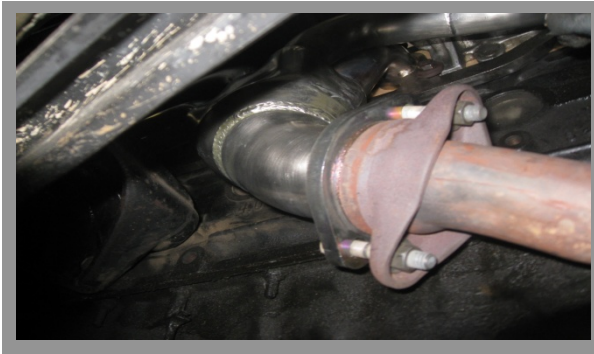
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**STEP 23**



- Re-install the Air Intake Assembly and tighten the header to the head pipe using the supplied hardware.

**STEP 24**

- Reconnect the negative battery terminal

**NOTE!!!**

Be sure to re-torque the intake manifold and header bolts after the initial start up and after 100 miles of driving.

**Installed on the Vehicle**



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