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## 2018-2019 Jeep Grand Cherokee Track Hawk Granatelli Billet High Flow Thermostat Housing

With 3/8th NPT Port

### Install Instructions

Part # 430000



#### Parts Included in System:

Qty	Description	Qty	Description
1	6061-T6 Billet High Flow Thermostat Housing	1	1/2" NPT Pipe Plug
1	M8 x 1" Bolt	1	Rubberized Flat Washer
		1	Optional - 180° Thermostat

#### Suggested Tools:

**Wrenches** – Medium flat head screwdriver or 5/16 socket, 13mm Wrench, 13mm Deep Socket, 2" to 4" socket extension, 3/8 Hex Head Socket

#### Step 1:

Familiarize yourself with the installation location of your **Granatelli High Flow Billet Thermostat Housing**. It is directly below the factory throttle body, pointing towards the Driver Side headlamp. This part is designed to be a direct replacement for the restrictive factory cast housing. It does not require a gasket. It will work with the factory 205 degree T-stat or any other aftermarket T-stat with OEM dimensions.

#### Step 2:

Drain the radiator enough to get the fluid level below the thermostat housing.

- This is done by opening the drain cock located at the bottom drivers side of the radiator.
- Open and remove the Radiator Cap - Naturally make sure the engine is not hot or under pressure
- Remove the 1/8 NPT pipe plug located just behind the thermostat housing in the manifold

**Step 3:**

Using your 13mm wrench or socket, remove the 2 bolts holding the factory thermostat housing. The short bolt on the left will be reused but the longer bolt to the right will be replaced and not reused.

**Note:** It may be useful to place a rag underneath the housing to capture the residual fluid that may drip out.

**Step 4:**

Remove the upper radiator hose from the factory housing.

**Step 5:**

Remove and replace the factory thermostat from the manifold if you intend to run a colder unit, (Not Supplied) Otherwise the stock unit can remain in place.

**Installing Your New Granatelli High Flow Thermostat Housing**

**Step 6:**

Position the new Granatelli Billet Housing into place by using the earlier removed short factory M8 x 1" bolt from the left side of the factory housing.

**Step 7:**

Place the 3/8" rubberized flat washer (metal side towards the bolt and rubber side towards the Granatelli Billet housing **See Photo 3**) onto your Granatelli supplied M8 x 1" bolt. Using your 13mm deep socket, insert the bolt through the threaded hole into the face of your Granatelli Housing and into the motor, snug both bolts to factory specs - **See Photo 4 & 5**



Photo 3



Photo 4



Photo 5

**Step 8:**

Reattach your upper radiator hose to the new Granatelli Housing and tighten the hose clamp.

**Step 9:**

At this point you can either install the supplied 1/2" NPT pipe plug into the face of the housing (**See Photo 6**) or you may chose to install a temperature gauge (Not Supplied) (**See Photo 7**)



Photo 6



Photo 7

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