

Installation Instructions

PART# 520009

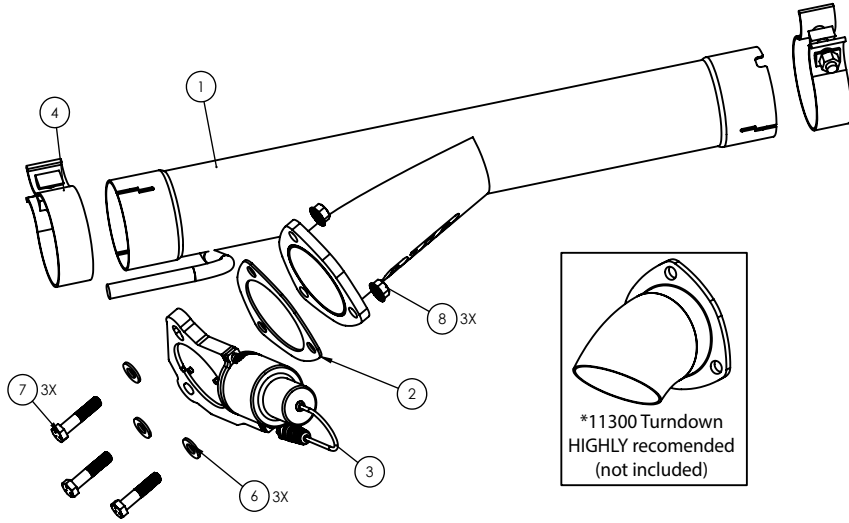
2009 - 2023 RAM/DODGE 1500 5.7L

Aggressor Cutout Pipe



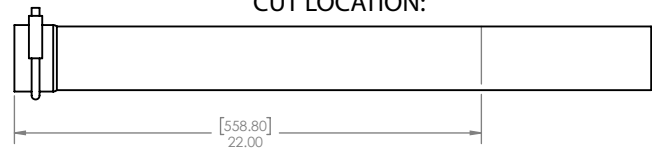
Made in the USA

Caution! Never work on a hot exhaust system. Burns or other serious injuries can result. Always allow the exhaust system to cool before removal. Always consult vehicle manual for proper lifting and support guidelines. Always wear approved safety glasses when working. Serious injury or death can result if safety precautions are not followed.



ITEM NO.	DESCRIPTION	QTY.
1	AGGRESSOR ASSEMBLY	1
2	3.00 GASKET	1
3	3.00 IN ELECTRIC CUTOUT	1
4	3.00 TORCA ACCUSEAL CLAMP	2
5	3.00 CAP (NOT SHOWN)	1
6	3/8 SAE FLAT WASHER	3
7	3/8-16 x 1.75" HEX BOLT	3
8	3/8-16 SERRATED FLANGE NUT	3

CUT LOCATION:



Removal of factory front section

- Raise and support the vehicle
- Mark the factory intermediate pipe 22 inches (558.80mm) from the front edge of the pipe (Image 1)
- Using a sawzall cut the factory pipe at this mark.
- Loosen the factory clamp at the front of the pipe
- Spray the factory hangers with spray lubricant and remove the rubber isolators from the factory pipe
- With the hangers removed and front clamp loosened, remove the front section of the intermediate pipe from the vehicle. Once removed deburr the cut edge of the remaining pipe with a file.

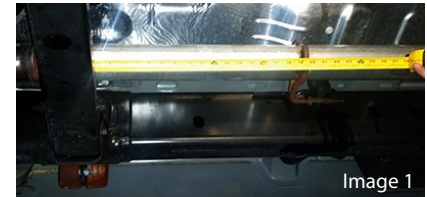


Image 1

Installing new aggressor pipe

- Slide a 3" accuseal clamp onto each end of the cutout pipe, do not tighten the clamps yet.
- Slide the cutout pipe onto the factory manifold, make sure align the alignment notch on the cutout tube with the pin on the factory manifold. Position the front clamp as shown in image 2.
- Push the factory exhaust pipe into the rear of the cutout tube, slide the hanger into the factory rubber isolator (image 3). Tighten the clamps at this time.
- Install the turndown (P/N : 11300), cutout, gasket, and bolts as shown in the diagram and image 4. Make sure to use threadlocker on the cutout bolts.



Image 2



Image 3

Installing the Toggle Switch

- Make sure that the vehicle battery has been disconnected.
- The switch should be located in a place that is easy to access such as a center console, kick panel, etc.
- Connect the RED wire to a 12 volt source.
- Connect the BLACK wire to a good ground.
- Drill a 1/2" hole where you wish to mount the switch.
- Remove the first lock ring from the shaft of the switch.
- Install switch in the hole you just drilled.
- Slide the lock ring over the switch and tighten ring so that there is no play in switch.

Routing the Wire Harness

- Make sure that you have the wire oriented so that the connectors mate. They are different, so make sure you pull the proper end into the vehicle.
- Route the wire up through the underside of the car. *Be careful to ensure that that the exhaust pipes or drive shaft do not interfere with the cable.
- Route the cables into the car. You can often open up a factory drain plug in the floor pan and snake the wire through.
- Plug the cable into the toggle switch, on the connector near the motor, align and press them together and then turn the coupling ring until it locks.



Image 4

Finishing the Install

- Reconnect the positive lead on the battery.
- Lower the vehicle back to the ground.
- Before starting vehicle, turn key to run position and push up and down to open and close the valve. Ensure that the valve is not binding or sticking (i.e. is centered in the exhaust and is not hitting any objects). It only takes 4.75 seconds for it to go from closed to open and vice versa.
- Start the car and enjoy!

Maintenance

- Check & re-torque ALL clamps after 50 miles miles of your new install.
- We recommend lubricating the butterfly plate body and shaft using a quality lubricant such as "Liquid Wrench"(tm) from Gunk. This will help prevent Carbon build up naturally generated by the exhaust system and keep the butterfly sealing properly. This should be done on a monthly basis.
- Check screws every now and then to make sure they are tight. If not reapply a red thread locker and reinstall.

Note: After initial startup a small trace of smoke may be visable from the exhaust, do not be concerned. This is from residual oils left in the tube from the manufacturing process and will disipate quickly. Quick Time Performance recomends professional installation on all of our products.

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- Any and all labor charges that may be incurred for the removal and or replacement of any covered component or the purpose of affecting this warranty are the sole responsibility of the consumer.
- Leakage

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Questions

Quick Time Performance Technical Team is available Monday through Friday (9am-4pm eastern time) at (864) 913-1999 or via email at: tech@quicktimeperformance.com