

Polaris Ranger 1500 Head Pipe Instructions

RPM

Tools Needed:

- 5mm allen wrench
- 6mm allen wrench
- 10mm socket

Kit Components:

- 1 - Head Pipe
- 9 - Allen Headed Bolt M8x1.25x25



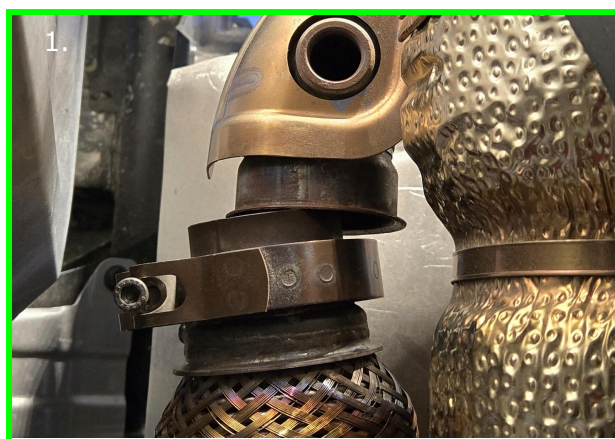
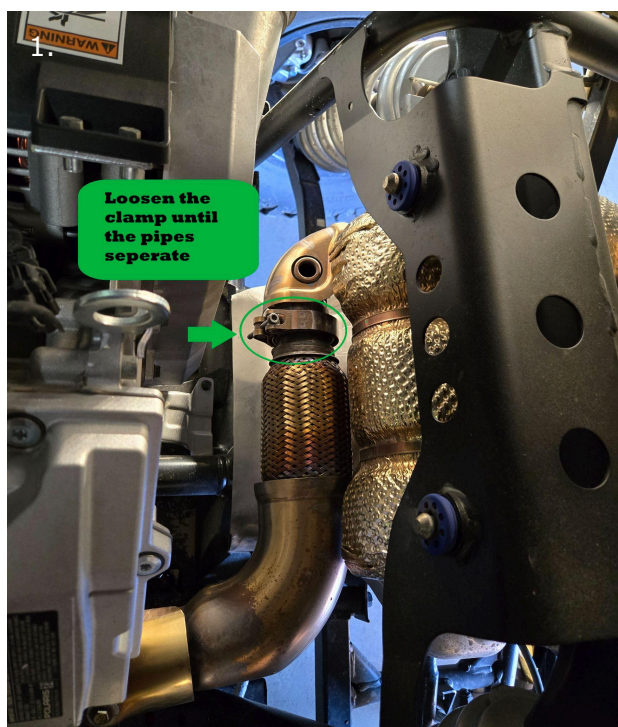
Notes:

This covers the installation of the RPM Head Pipe only, if you are replacing the full exhaust system then you will also need the RPM Sport Muffler instructions: [Ranger 1500 Muffler Instructions](#). These can be done in either order, but you will want to leave the header bolts and clamp loose until your RPM or factory muffler is installed. Read through these instructions fully before continuing.

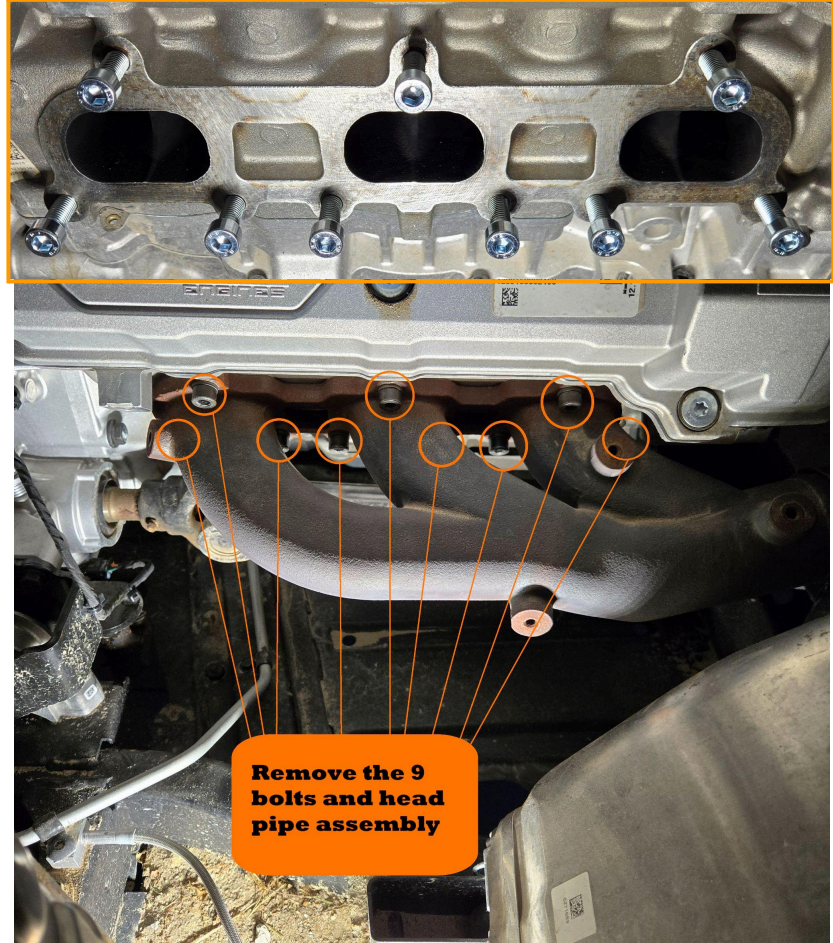
Fitment: 2024-2025 Ranger 1500 XD (all options)

Install Instructions:

1. Lift the bed and loosen the **clamp** (circled in green) between the head pipe and muffler using a 5mm allen. The pipes can be pulled apart when the clamp is loose.



2. Remove the **4 bolts** (circled in yellow) holding the heatshield to the head pipe using a 10mm socket. Save these bolts and the heat shield to reinstall later.
3. Remove the **9 bolts** (circled in orange) securing the headpipe. Loosen the bolts evenly to avoid damaging the header gasket. Support the head pipe while removing the last 2 bolts and carefully remove the header assembly.



4. Inspect the header gasket and replace it if it is worn or damaged. Scrape the gasket material off of the engine and clean to ensure the gasket has a completely flat mating surface.

Note: The gasket is layered and should be replaced if the layers are separating. It is best to use a new gasket every time the head pipe is removed.

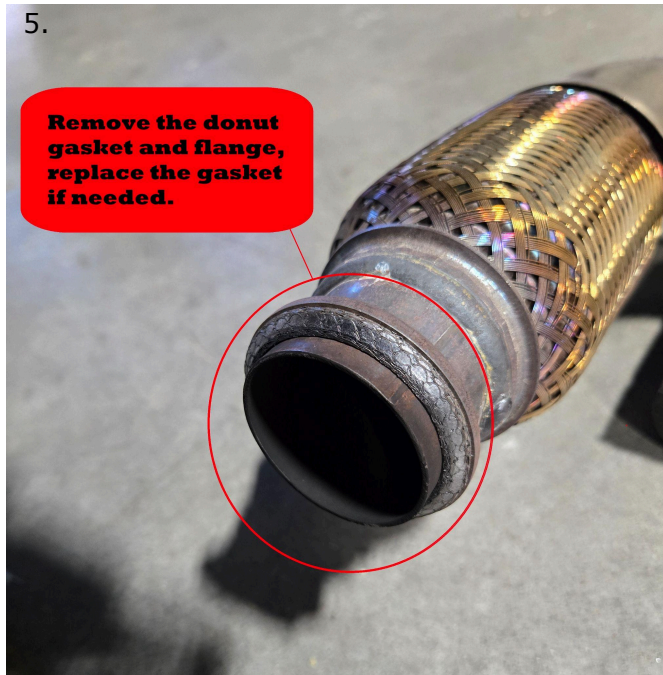


Good



Bad

5. Carefully remove the donut gasket and flange from the factory head pipe and install them onto your new RPM Head Pipe. Replace the donut gasket if it is worn or damaged.



*This would be a good time to jump over to the Ranger 1500 Sport Muffler Instructions if you are installing the full system. Make sure that the muffler is fully seated in the rubber grommets before continuing to the next step.

6. Install your RPM Head Pipe with the factory gaskets and clamp in place. Insert the head pipe into the muffler pipe and line up the header flange to the engine head. Tighten the (9) header bolts evenly in a star pattern starting from the center. Torque to 18 ft. lbs.

7. Make sure that the donut gasket is fully seated between the pipes and that the clamp is over both flanges. Torque the clamp to 10 ft. lbs.

8. Wipe down the head pipe and muffler with a clean rag to remove any fingerprints before running the engine. Start the machine and verify that the gaskets are sealed correctly. Reinstall the heat shield using the 4 bolts removed in step 2. Torque to 88 in. lbs. (7.3 ft. lbs.) and close the bed.



This completes the installation of the RPM Head Pipe. This can be paired with the OEM muffler or the RPM Sport Muffler for a more aggressive sound and increased power.