

Front Wastegate Dump – Installation Instructions

Tools Required:

- Masking tape
- Marker (Sharpie)
- Drill
- ½” to 1 ½” drill bit or hole saw
- ¼” drill bit
- Die grinder or rotary tool (Dremel)
- 5mm hex key
- ½” or 13mm wrench
- Saw (hacksaw, chop saw, Sawzall, cold saw, etc.)



1. Determine the location to install your Jay Racing Front Wastegate Dump. Be sure there is clearance behind the bumper. Mask the area with masking tape. Use the Nomex piece that matches the outer flange as a template and trace it in the determined location. STOP! View from multiple angles and be positive that this is where you want to install your Front Wastegate Dump.



2. When you are positive on the location, drill a large hole through the bumper in the center of the small circle (1 ½” dia.) you traced. If you do not have a large drill, you can use a smaller size and make it larger with a die grinder or rotary tool (a stone wheel works best). Slowly increase the size until the Front Wastegate Dump just fits.



3. Place the Front Wastegate Dump flange into the hole you've made. Rotate the flange until it is the best looking orientation (typically this is when the 4 holes are parallel to the ground with the vehicle at ride height). Mark the holes with a marker, remove the flange, and drill the holes with a ¼” drill bit.



4. Remove the masking tape and clean the paint surface where the Front Wastegate Dump flange will mount.



5. Install the outer flange shaped Nomex onto the outer flange. Install the outer flange into the hole you've made. Verify that you have the correct position and orientation.



6. Install the inner flange shaped Nomex onto the outer flange tube. Install the inner flange onto the outer flange tube. Secure the assembly by tightening the (4) M6 x 1.0 BHCS (5mm hex key).



7. Remove your 1 1/2" dia. wastegate outlet tube and cut it off at the best location to fit the stainless steel flex tubing. Test fit the flex tubing to determine the proper length. DO NOT cut the tubing too short, allow for slack so the tubing does not put the bumper in a bind. Attach the flex tubing to your outlet tube with the supplied 1 1/2" exhaust clamp (1/2" or 13mm wrench).



8. Install the stainless steel flex tubing to the end of the outer flange tube with the supplied 1 1/2" exhaust clamp (1/2" or 13mm wrench). OPTIONAL: use thermal wrap around the flex tubing if it must be routed close to any sensors, wires, hoses, etc.