



FS Performance Engineering

Mazda Miata NB (1999-2005) Monstrosity/Junior Rear Diffuser Installation Instructions

Tools Needed:

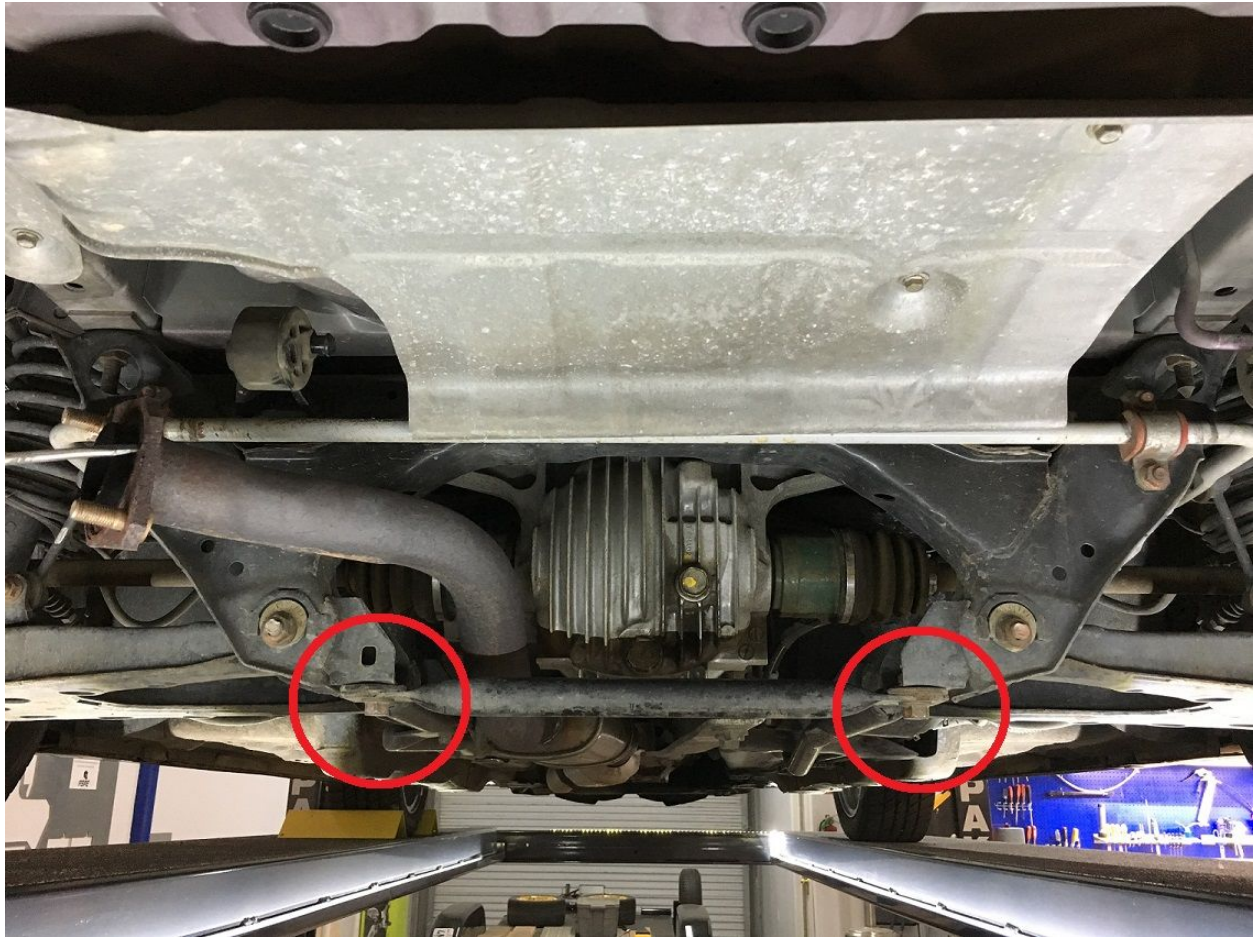
- 10mm wrench/socket
- 12mm wrench/socket
- 17mm wrench/socket
- 19mm wrench/socket (possibly)
- A friend (hopefully not a tool)

Included in Kit:

- (1) NB Monstrosity Diffuser
- (1) Mounting Bracket
- (2) M12-1.5 x 40mm bolts
- (2) M12 washers
- (2) M8-1.25 x 20mm bolts
- (4) M8 small washers
- (2) M8 nyloc nuts
- (5) M6-1.0 x 20mm bolts
- (5) M6 fender washers (1")
- (5) M6 nyloc nuts
- (5) 1/4" small washers

Steps:

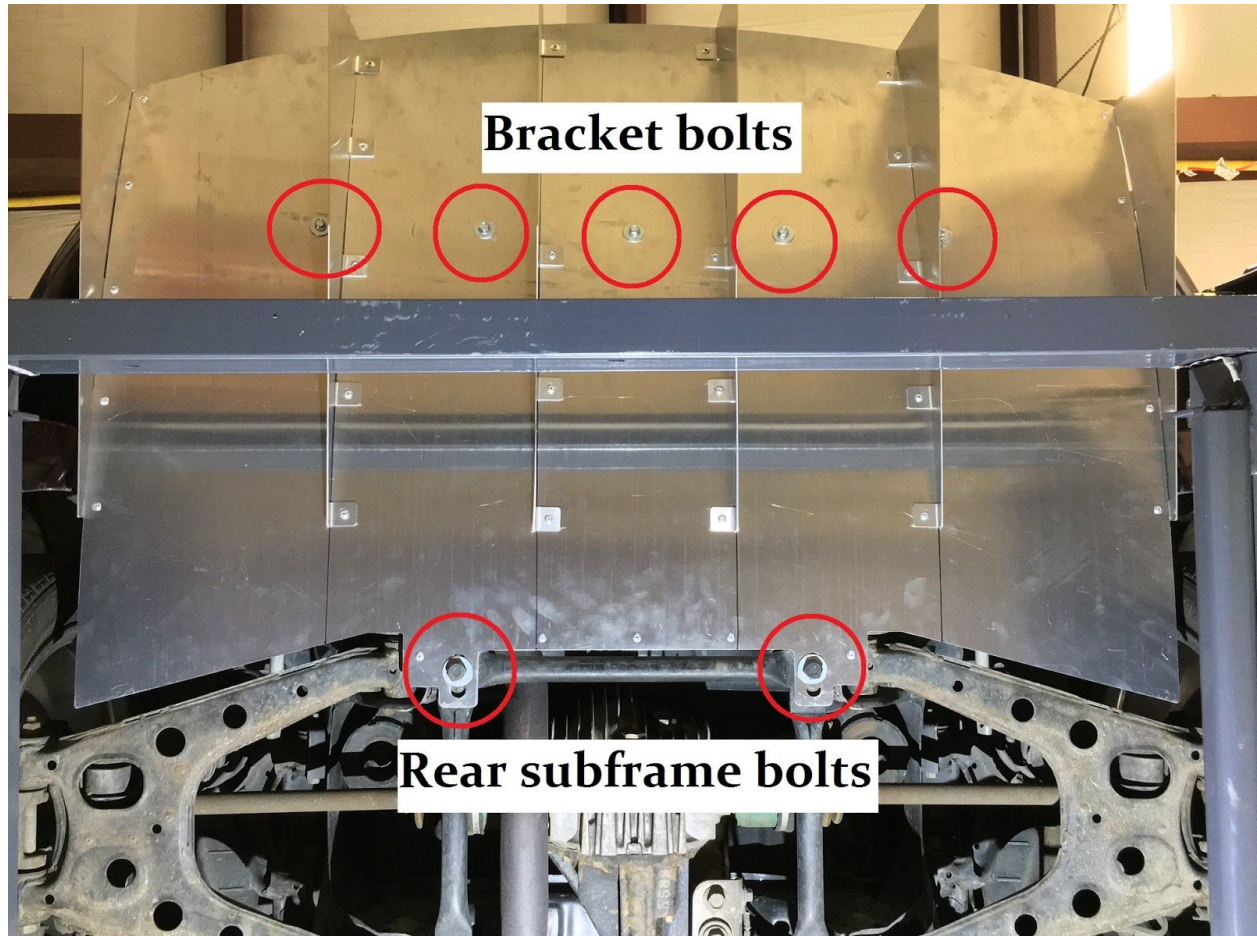
1. Raise car and secure with jack stands.
2. Remove or modify your stock muffler/exhaust setup if you purchased the Monstrosity. The diffuser will not fit the stock exhaust. Some have rerouted their exhaust to the side, and others have cut into the diffuser. If you have the Monstrosity Junior it will fit the stock exhaust.
3. Remove the two 17mm bolts at the rear subframe. Yours could be 19mm.



4. Locate the two holes just above the rear tow hooks. Install the supplied bracket using (2) M8-1.25 x 20mm bolts & (2) M8 washers (send backward from the front of the car) and (2) M8 washers & (2) M8 nyloc nuts on the other side. Tighten securely.



5. With help from a friend, install the diffuser using (2) M12-1.5 x 40mm bolts and (2) M12 washers into the rear subframe. You are replacing the OEM bolts. Hand tighten.
6. Using (5) M6-1.0 x 20mm bolts facing up & (5) M6 fender washers on the bottom, and (5) ¼" small washers & (5) M6 nyloc nuts, install the bracket to the diffuser as shown. Hand tighten.



7. Adjust the diffuser forward/backward as you would like and tighten the subframe and bracket-to-diffuser bolts. Tighten the subframe bolts down pretty well.



8. Enjoy your new FS Performance Engineering rear diffuser! Remember to send us pictures once it is installed.



For questions email costas@fspeinc.com or jim@fspeinc.com
Or call/text us at (661) 809-0954