

- 1. Apply penetrating lubricant liberally to all exhaust fasteners, hangers and rubber isolators.
- 2. Loosen the three nuts securing the extension pipe flange to the over-axle pipe.
- 3. Remove the factory over-axle/tail pipe.
- 4. Loosen the three nuts securing the extension pipe to the flange directly behind the exhaust filter and remove the extension pipe.
- 5. Disconnect all exhaust sensors at their connection points to the vehicle.
- 6. Remove the flange connecting the catalytic converter/diesel particulate filter section (CAT/DPF) of the exhaust to the downpipe.
- 7. Remove the exhaust hangers from the isolator mounts and remove the CAT/DPF section from the vehicle (this step will require two people, as the stock pipe is heavy).

## Installation of MBRP Competition Exhaust:

- 1. Install the **Front Pipe** by inserting the hangers into the factory isolator mounts and connecting the flange to the downpipe using the **7/16**" **Hardware** provided. To allow for adjustability, do not fully tighten the hardware until Step 7.
- 2. The Extension Pipe is pre-cut for the 172.4" (crew cab, long box) wheelbase. If installing on a vehicle with a shorter wheelbase, cut the Extension Pipe to the appropriate length (Refer to Diagram).
- Install the Extension Pipe onto the Front Pipe using one of the provided 4" Saddle Clamps. Do not fully tighten the clamp yet.
- 4. Install the Muffler Delete Pipe onto the Extension Pipe using a 4" Saddle Clamp. Insert the 4" Hanger Clamp into the rearward rubber isolators and place the clamp over the back end of the Muffler Delete Pipe.
- 5. Install the Over-Axle Pipe into the Muffler Delete Pipe.
- Install the Tail Pipe by inserting the hanger into the rear isolator mount and inserting the pipe onto the Over-Axle Pipe. Secure it using a 4" Hanger Clamp.
- 52.5" UNCUT, 172.4" WHEELBASE (CREW CAB, LONG BOX) 38.1" FOR 158" WHEELBASE (SUPER CAB, LONG BOX) 17.1" FOR 137" WHEEL BASE (REGULAR CAB) 21.9" FOR 141.8" WHEELBASE (SUPER CAB, SHORT BOX) 36.3" FOR 156.2" WHEELBASE (CREW CAB, SHORT BOX)
- 7. Align the exhaust as needed and tighten all clamps and fasteners.

**Congratulations!** MBRP Competition Exhaust Systems is proud to be a part of your racing and competition success. We know you will enjoy your purchase.