

# Owner's Manual with Installation Instructions

## Banks Rear Differential Cover

**2001-2019 Chevy/GMC/Dodge/Ram  
with AAM 11.5" and 11.8" 14 Bolt Rear Axle**

THIS MANUAL IS FOR USE WITH SYSTEMS: 19249 & 19259



**Step-by-step installation video:**



iPhone: Point camera at QR code.

Android/Windows: Use QR app or type URL into browser.

**[Bankspower.com/v/install-diffcover-AAM-14bolt](https://www.bankspower.com/v/install-diffcover-AAM-14bolt)**

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**bankspower.com**



# General Installation Practices

Dear Customer,

If you have any questions concerning the installation of your Banks Monster Exhaust System, please call our Technical Service Hotline at (888) 839-2700 between 7:00 am and 4:00 pm (PT). Watching our how-to video (link on the cover) may alleviate any further questions. If you have any questions relating to shipping or billing, please contact our Customer Service Department at (888) 839-5600.

Thank you.

1. Before starting work, familiarize yourself with the installation procedure by reading all of the instructions.
2. Disconnect the negative (ground) cable from the battery (or batteries, if there are two) before beginning work.
3. When raising the vehicle, support it on properly weight-rated safety stands, ramps or a commercial hoist. Follow the manufacturer's safety precautions. Take care to balance the vehicle to prevent it from slipping or falling. When using ramps, be sure the front wheels are centered squarely on the topsides; put the transmission in park; set the hand brake; and place blocks behind the rear wheels.

**CAUTION! Do not use floor jacks to support the vehicle while working under it. Do not raise the vehicle onto concrete blocks, masonry or any other item not intended specifically for this use.**

4. During installation, keep the work area clean. Do not allow anything to be dropped into rear differential while performing the installation, as foreign objects will cause immediate damage upon start-up.

## Tools Required:

- A power or manual driver
- Oil pan
- 10mm 12pt socket
- 13mm socket
- 24mm socket\*
- Torque wrench
- Flat head screwdriver
- Cleaning rags

\*Only needed if sight glass is not pre-installed



## WARNING!

**READ AND UNDERSTAND OWNER'S MANUAL PRIOR TO USE. FAILURE TO FOLLOW WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.**

**Figure 1** Banks Rear Differential Cover, General Assembly

Item #	Description	Part #	QTY
1	Differential Cover	19241 (black), 19251 (raw)	1
2	O-Ring, -279, Viton	13271	1
3	M8-1.25, 32mm, 12PT bolt	91819	14
4	Sight glass, G1/2", Viton Seal	13242	1
5	Fill plug, 3/4" NPT, 3/8" square drive	13241	3
6	Drain plug, 3/8" NPT, 3/8" square drive, Magnetic	13239	1
7	Loop Clamp, Cushion	62071	1
8	Threadlocker, Blue, .5ml	90001	1

**Figure 2**



**Figure 3**



*Note: RAM trucks equipped with a rear sway bar require the installation of a \*spacer kit (PN19249-2) to provide proper clearance between the sway bar and the differential cover.*

# Rear Differential Cover Installation

**1.** RAM trucks equipped with a rear sway bar require the installation of a sway bar spacer kit (Part#: 19249-2) before continuing. This will provide proper clearance between the sway bar and the differential cover. Use the longer bolts included with the spacer kit to replace the stock sway bar mounting bolts. (See Figure 3)

**2.** Position an oil pan under the differential cover to catch fluids drained during installation.

**3.** If the differential has a drain plug, remove the drain plug using a 3/8" square drive and allow the fluid to fully drain from inside the axle housing. If no drain plug is equipped, proceed to the next step.

**4.** Using a flat-head screwdriver to assist in loosening the push-on retaining ring, remove the ring and proceed to remove the P-clamp underneath. Next remove the bolts sealing the cover and brake line bracket using a 13mm socket, and remove the stock differential cover. (See Figure 4)

*Note: If the vehicle has no drain plug, open the cover partially from the bottom and allow fluid to drain before removing the cover.*

**Figure 4**



**5.** Clean and inspect the axle housing sealing surface. It should be flat and free of all debris, rust, residue, and sealant to ensure a proper O-ring seal. (See Figure 5)

**Figure 5**



**6.** Install the O-ring in the Banks differential cover. Be careful not to damage the O-ring. (See Figure 6)

**Figure 6**



**7.** Install the Banks cover and re-attach brackets to the cover using included M8 bolts. Apply small amount of threadlocker on the bolts. Torque the bolts to 22 lb/ft (29 N.m) using a 10mm 12 pt socket.

**Figure 7**



**8.** If sight glass is already installed, skip this step. Install the sight glass using a 24mm socket. (See Figure 7)

- 9.** Fill the differential housing with 4 qts of the manufacturer's specified lubricant using a funnel or a fluid dispenser. The fluid level should be at the center of the sight glass when the vehicle is parked on level ground. (See Figure 8)

*Note: The fluid level may not appear in the center of the sight glass if the vehicle is parked on a hill, the chassis is raised by a jack or lift, or the suspension has been modified.*

**Figure 8**



- 10.** Clean up any spilled oil and check for any leaks around the cover, fill/drain plugs, and sight glass.

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