

E4-WM5-Y576A00 MOUNTING INSTRUCTION



IMPORTANT! READ THIS FIRST!

Installation of shock absorbers requires special tools and expert knowledge. Accordingly, installation of all BILSTEIN products must be performed by a qualified suspension specialist.

When replacing other brands, BILSTEIN shock absorbers should always be installed as a set. All BILSTEIN products must only be used for the specific, intended application as indicated in the application guide. **Any use of any BILSTEIN product other than for its intended use may result in serious bodily injury or death.**

Always use a chassis hoist for the installation of BILSTEIN products and make certain that the raised vehicle is securely attached to the hoist and/or supported to prevent the vehicle from slipping, falling, or moving during the installation process.

If you choose to install any BILSTEIN product without the necessary special tools, expertise or chassis hoist, you may subject yourself to the risk of serious bodily injury or death. If you elect not to use a chassis hoist, at least make sure the vehicle is on level ground, that all tires on the ground during installation are blocked to prevent movement, that at least two tires are on the ground at all times, and that adequately secured safety stands (jack stands) are used to support the chassis. **NEVER** get under the vehicle until you have checked to make sure all of these steps are performed.

BILSTEIN suspension products are gas-filled and are highly pressurized.

- Never place any BILSTEIN product in a vise or use a clamp on any BILSTEIN product.
- Never apply heat near any BILSTEIN product.
- Never attempt to open or repair any BILSTEIN product, in order to prevent **serious bodily injury or death.**

Any attempt to misuse, misapply, modify, or tamper with any BILSTEIN suspension product voids any warranty and **may result in serious bodily injury or death.**

While installing any BILSTEIN product:

- Do not use impact tools for loosening or tightening fasteners, because this may destroy the screw threads.
- Self-locking fasteners must only be used **once!**
- Reuse original equipment components only if they are in good condition, otherwise replace them with new components.
- Never remove the slight film of oil on the piston rod and seal.
- All mounting fasteners for shocks and struts must be securely tightened before tension is placed on the suspension system.

After installing any BILSTEIN product:

- The suspension caster and camber must be checked and/or adjusted to comply with the vehicle manufacturer's specifications.
- The (load dependent) brake compensator and the anti-lock brake system must be checked and/or reset to comply with the vehicle manufacturer's specifications.
- The headlight aim must be checked and adjusted.

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Shock Installation Procedure if your RAM came equipped with a powerhop damper from the factory:

- A. Remove the existing rear powerhop shock from the vehicle following all procedures in the vehicle manufacturer's service manual.
- B. Install the B8 5100 Bilstein Shock Absorber in the original location and attach the front and rear mounts following all procedures in the vehicle manufacturer's service manual. Refer to picture on page 4.
- C. If a chassis hoist has been used, be sure to lower the vehicle such that its full weight is on the suspension prior to fully tightening the fasteners. This completes the installation.

Shock Installation Procedure if your RAM did not come equipped with a powerhop damper from the factory:

1. Purchase the axle bracket and mounting hardware from your local dealership with the corresponding part numbers below (note that there are 3 different versions of the bracket). The part numbers listed below are as of 06.13.17.

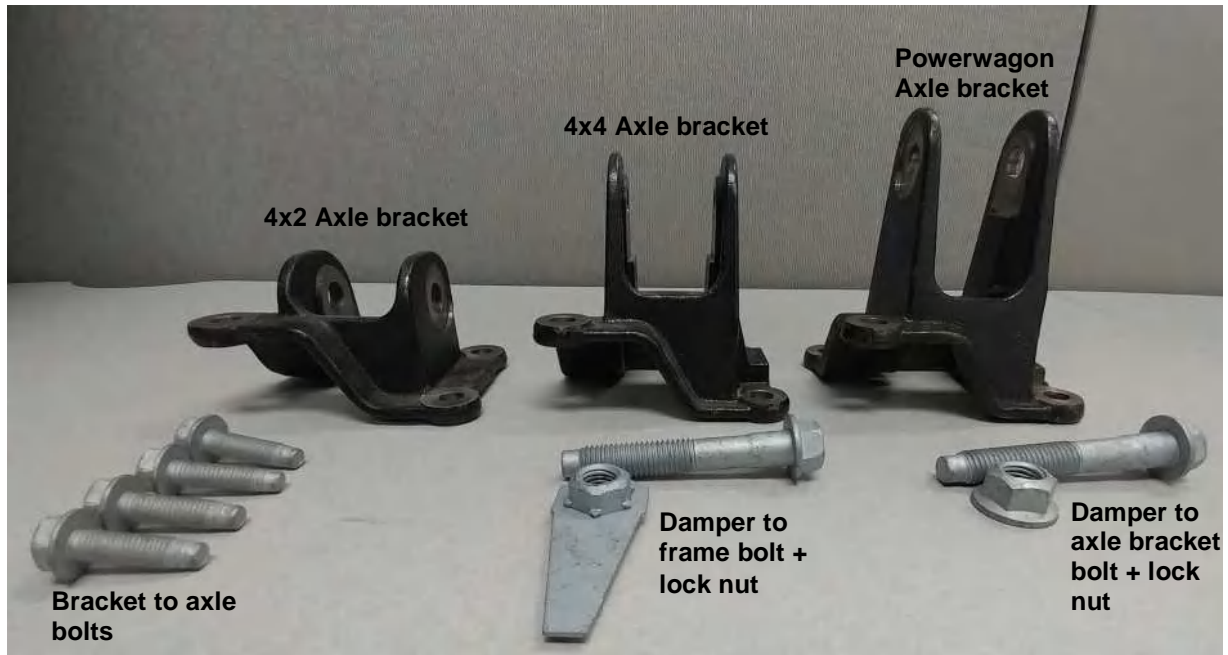
Axle bracket:

Description	Part Number	Quantity
4x2 Axle Bracket	68226579AA	1
4x4 Axle Bracket	68226580AB	1
Powerwagon Axle Bracket	68226583AB	1

Mounting Hardware:

Description	Part Number	Quantity
Bolt : Bracket to Axle	6105064AA	4
Bolt : Damper to Bracket, Damper to Frame	6507654AA	2
Nut : Lock Nut, Damper to Frame	6502698	1
Nut : Flange Lock Nut, Damper to Axle	6508175AA	1

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2. Install axle bracket following all procedures in the vehicle manufacturer's service manual and as shown below:



3. Install the B8 5100 Bilstein Shock Absorber in the location shown on page 4 and attach the front and rear mounts following all procedures in the vehicle manufacturer's service manual.
4. If a chassis hoist has been used, be sure to lower the vehicle such that its full weight is on the suspension prior to fully tightening the fasteners. This completes the installation.

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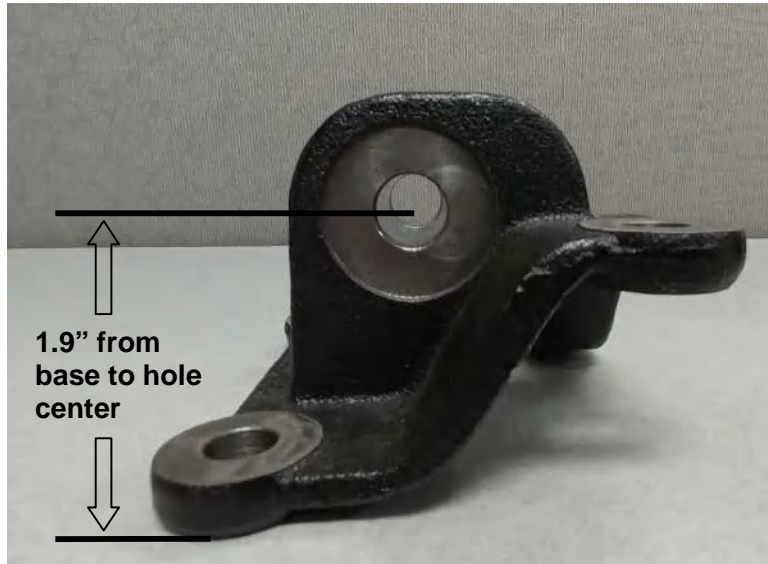


Note: The shocks depicted herein may differ slightly in appearance from the supplied components.

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4x2 Axle bracket:



4x4 Axle bracket:



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Powerwagon Axle bracket:

