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Revisions			
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FORD SUPER DUTY 1 INCH FRONT BUMP STOP SPACER

Installation Instructions

Applications:
2005+ Ford F250/F350 4X4



TITLE:
FORD SUPER DUTY 1 INCH FRONT BUMP STOP SPACER INSTALL INSTRUCTIONS

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FORD SUPER DUTY 1" FRONT BUMP STOP SPACER INSTALLATION INSTRUCTIONS

Thank you for purchasing the best aftermarket products available for your vehicle. We strongly feel that the parts you are about to install should meet or exceed your expectations for performance. Proper assembly is critical to the performance of these components and the vehicle as a whole. Please take the time to carefully read these instructions and familiarize yourself with the installation procedure before working on your vehicle. If you have any questions PLEASE contact Synergy Manufacturing BEFORE beginning installation. Thanks again for supporting Synergy – enjoy the performance benefits of the best aftermarket products available for your vehicle!

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Modifying or otherwise altering vehicle components may cause the vehicle to handle differently than originally designed. It is the driver's responsibility to familiarize themselves with the performance and handling characteristics of the modified vehicle. Vehicles with larger diameter than stock tires must be driven carefully and cannot be expected to perform as stock or meet OEM performance with regard to handling, braking, or crash performance. Ensure all replacement components are compatible with vehicle capacities so as not to overload components, especially tires. It is up to the individual to ensure that the vehicle and all components are compatible with the intended vehicle use, including load ratings, road conditions, and driver abilities. Thorough and frequent vehicle inspections are recommended to ensure a safe and reliable state of readiness, especially after off-highway use.



Parts List – 1" Front Bump Stop Spacer

8657-01 Ford SD 05-22 Front Bump Stop Spacer Kit		
QTY	Part Number	Description
2	865701-01-AN	SUPER DUTY 05-21 1" FRONT BUMP STOP SPACER, ANODIZED
2	SC-4-04	SOCKET HEAD CAP SCREW 1/4-20 X .500, ZINC PLATE
2	FLM08-1.25-40-10.9	FLANGED HEX HEAD BOLT M08-1.25 X 40MM ZINC PLATED

General Notes

- These instructions are also available on our website; www.synergymfg.com. Check the website before you begin for any updated instructions and additional photos for your reference.

Tools Needed

- 10mm, 13mm socket and ratchet.
- 3/16 Hex Key

Estimated Installation Time:

~20 Minutes

Installation

1. Starting on the driver's side, remove the factory snubber by twisting and pulling down at a slight angle. Be careful not to hit your hand on any of the other components. **See Figure 1.**



Figure 1. Removing the Factory Snubber.

2. Remove the factory cup by unscrewing the 10mm head bolt holding it in. **See Figure 2.**

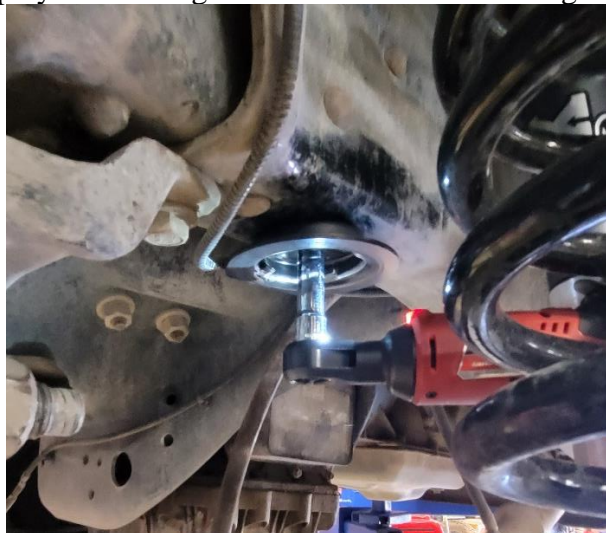


Figure 2. Removing the Factory Cup

3. Assemble the bump stop spacer by installing the 1/4-20 x .500 socket head cap screw into the threaded hole with the head inside the recess. Using the 3/16 hex key, torque to 6 ft-lbs. **See Figure 3.**



Figure 3. Installing the Socket Head Cap Screw.

4. Place bump stop spacer on the factory bump stop cup with the M8 bolt in through the center hole. Align the cup bent tab with the offset hole on the spacer, **As Shown in Figure 4.**



Figure 4. Spacer and Cup aligned for installation.

5. Install the bump stop cup and spacer in the factory location using the protruding 1/4-20 screw to key into the frame torque the M8 bolt to 18 ft-lbs and reinstall the factory snubber See **Figure 5**.

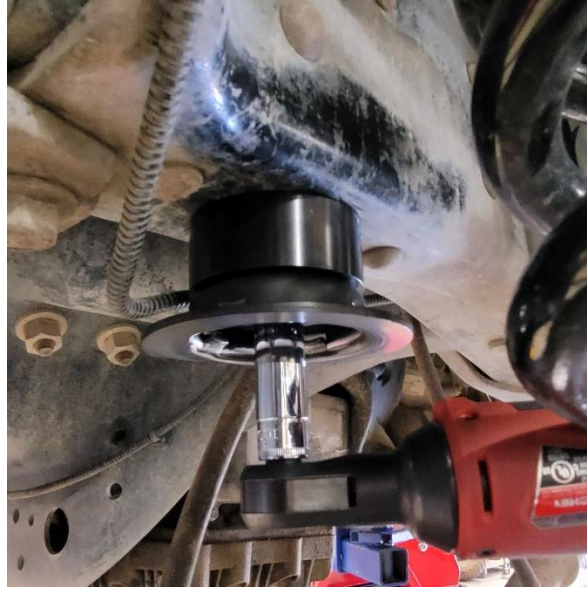


Figure 5. Installing the Spacer and Cup

6. Perform the same operations on the other side of the truck.

Installation is complete!

