



**CARBON FIBER HEAVY DUTY DRIVESHAFT**  
**2005-Present Mustang**  
**Part # DS005**

*NOTE: This installation requires knowledge of rear differential setup procedures and is recommended to be performed by individuals experienced in this area.*

1. Lift vehicle and support with stands. Apply emergency brake and leave transmission in Neutral.
2. Disconnect exhaust directly after the H-pipe and allow exhaust to hang. If necessary, loosen rear exhaust hangers.
3. Remove the four bolts that attach the driveshaft to the transmission flange.
4. Remove the six bolts that attach the driveshaft to the rear differential flange.
5. Remove the two bolts from the carrier bearing located at the center of the driveshaft. Lower and remove driveshaft assembly.
6. Once the driveshaft is removed it is necessary to replace the rear pinion yoke on the differential. Using a ½” air impact gun with a 32mm deep socket, remove the nut that retains the pinion yoke.
7. Using a gear puller, remove the pinion yoke from the differential.
8. Install the new BMR pinion yoke. Apply blue Loctite to the threads, reinstall the OE nut and tighten. *NOTE: The key here is to tighten the pinion nut sufficiently without further crushing the crush sleeve on the pinion gear. Excessive tightening will collapse the OE crush sleeve further resulting in incorrect pinion depth. Too much or too little pinion depth creates excessive gear noise and premature gear wear.*
9. Install the BMR driveshaft by inserting the u-joint end onto the newly installed rear pinion yoke. Insert the supplied u-bolts over the u-joint and through the pinion yoke. Tighten.
10. Apply blue Loctite to the threads of the OE bolts, lift the front of the shaft up to the transmission flange, and bolt into place. Torque bolts to 110 ft/lbs.
11. Re-install exhaust.
12. Lower vehicle.



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*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to the vehicle/person during installation or use of this product.*