



WATSON RACING 2015+ S550 MUSTANG ROAD RACE REAR BUMPER KIT

To be used with Ford Racing Tow Hook p/n **M-17954-A**

The Watson Racing Road Race Rear Bumper was designed as a lightweight replacement to the factory crash beam. It is NOT designed to protect you in the case of an accident, and therefore is **INTENDED FOR OFF-ROAD RACE-USE ONLY**. Watson Racing will not be held liable for any misuse of this product.

This document is intended as a guideline only, and does not include step-by-step instructions. PLEASE READ ALL INSTRUCTIONS PRIOR TO BEGINNING INSTALLATION.

Note: Use blue thread locker on all bolts where possible.

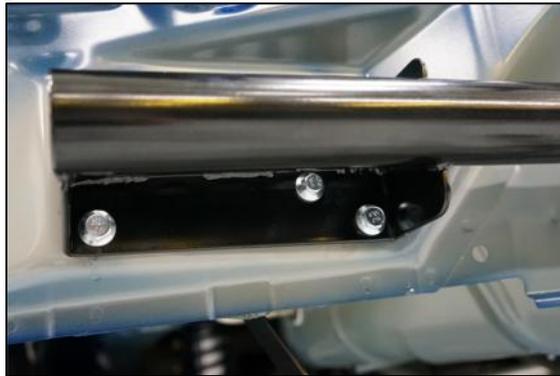
- 1) Remove rear fascia from car by removing all factory hardware. Elevate rear of vehicle if necessary using all required safety precautions (jack stands, etc).
- 2) With fascia removed, remove factory bumper beam by removing the two factory 13MM bolts on either side. Install supplied Watson Racing bumper to the car using two of the supplied M8 x 25mm bolts, one per side. Snug bumper to car, but do not completely tighten.



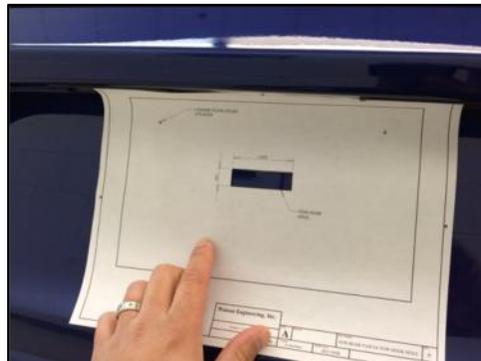
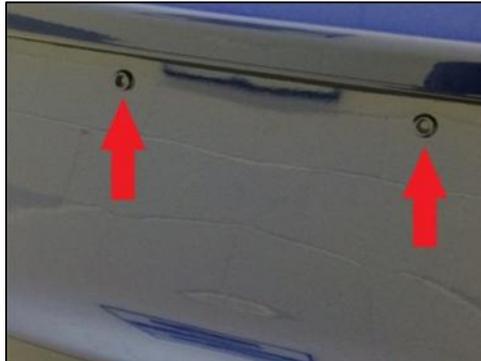
- 3) Mark the remaining 4 bolt holes on each side, to be drilled as noted in the following steps. **NOTE:** The factory bumper is only attached to the car with 2 bolts per side, which is NOT strong enough to sustain repeated abuse from tow hook use.
- 4) With Watson bumper removed, drill 4 holes per side. Start with a 1/8" drill bit and enlarge to 5/16". Drill through the second layer of metal; the goal is to capture the "flange" created by the rear frame horn (circled, next page).



- 5) Install Watson Bumper using supplied M8x60mm flange bolts through the outer two holes on either end, and the supplied M8x35mm flange bolts on the inner two holes of either side. Capture these bolts with the supplied washers and M8 Nylock Nuts. Use the supplied M8x25mm bolts or the OEM bolts in the factory bumper bolt holes.



- 6) Place rear bumper cover on bumper dolly (or other secure surface) and clean/prep for cutting. Cut the rectangular hole out of the supplied template, and align the template on the two large license plate mounting screw holes in the rear of the fascia. Trace the rectangle with a grease pencil, marker, etc.



- 7) Start a small pilot hole with a drill, then use a Dremmel or similar to cut the hole in the fascia. Test fit fascia on car and adjust hole accordingly with a file if needed. When satisfied, re-install the fascia on the car. (Disregard large round hole in picture)



- 8) Install Ford Racing Tow Hook Loop (p/n M-17954-A), and you're ready to go racing!



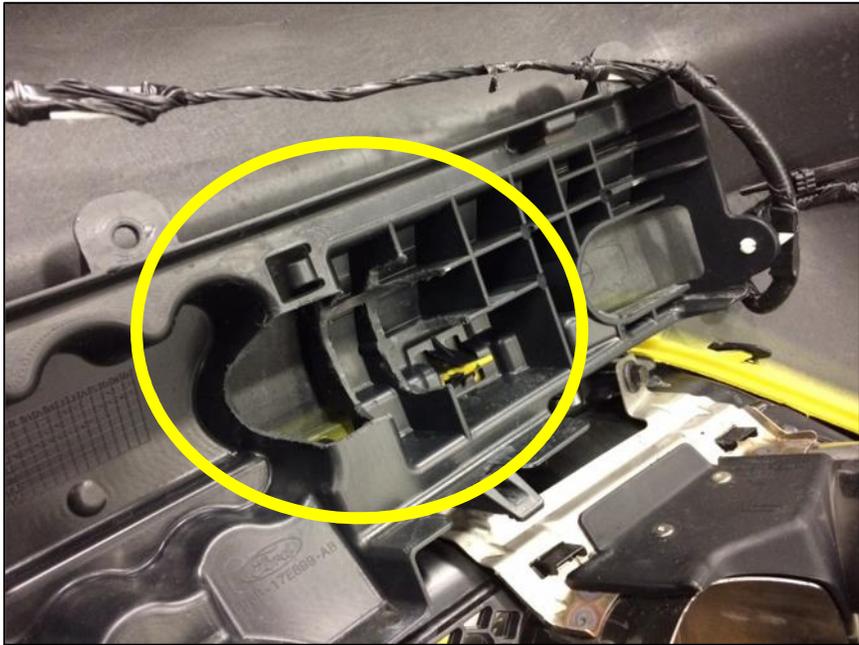
ADDENDUM: MODIFYING INNER PLASTIC BUMPER SUPPORT

The inner plastic bumper support can be modified to work with the Watson Racing tubular rear bumper. Use the pictures below as a guideline for the minor trimming needed to accommodate the Bumper Support.

- a) Trim center portion of bumper support for vertical tow hook mount.



- b) "Notch" the ends of the bumper support to accept tubular bumper. This will take some trial and error- insert the Watson tubular bumper (uninstalled) into the back of the fascia as a guide to direct your trimming.



Thank you for choosing Watson Racing products! If you have any technical questions or comments, please call us at: 855-WATRACE (928-7223).