



## **2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS**

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**!!! PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION !!!**

**Caution:** If you are not confident that you can complete the installation safely, have it completed by a certified technician! Failure to complete the installation correctly could cause damage to your vehicle.

**The following instructions apply to a 2012 Mustang Boss 302  
Laguna Seca Edition.**

**Before proceeding the standard splitter must be removed by removing  
the (16) bolts and (10) push pins located on the underside of the  
splitter.**

**Tech "Hot Line" (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS



### PARTS IN KIT:

Quantity	Part Name
2	Cooling Backing Plate
4	Hose Clamp
4	Zip Tie
2	Brake Hose

**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

### **INSTALLATION INSTRUCTIONS:**

**STEP 1:** Support the vehicle to gain access to the undercarriage.

**STEP 2:** Remove the front wheels.



**STEP 3:** Unclip the ambient air temperature sensor in the lower grille from fascia.



**Tech "Hot Line" (800) FORD788**

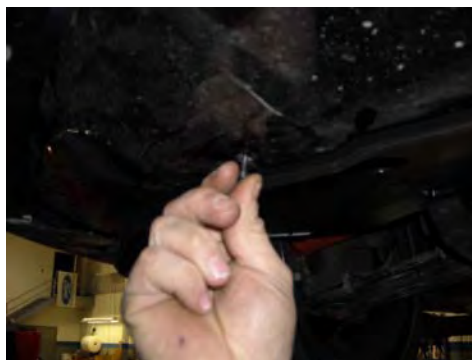
Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 4:** Remove the (2) outer and (4) center bolts holding the splash guard to the fascia.



**STEP 5:** Remove (2) front side inner fender liner bolts per side.



**STEP 6:** Remove (4) inner fender liner push retaining clips and remove front half of inner fender liner on each side.

**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 7:** Remove (1) bolt and (1) retaining clip from each side on the lower grille insert.



**STEP 8:** Gently unclip lower grille insert from fascia and remove by sliding forward.



**STEP 9:** Gently unclip both foglight delete bezels from outboard sides of lower grille insert and remove.

**Tech "Hot Line" (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

- STEP 10:** The back side of each foglight delete bezel features a center point dimple and telltale undercut. Using a 2 3/4 inch hole saw and from the back side of the bezel outward, drill out the plastic on each bezel using the dimple and telltale as a guide.



- STEP 11:** Lightly sand or debur any rough edges after drilling and then reinstall each bezel to lower grille insert.

- STEP 12:** Install the brake hoses onto the lower grille insert with hose clamps and tighten.



**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356





## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 13:** Slide the lower grille insert with hoses into fascia and clip into place.



**STEP 14:** Reference steps 4, 5, 6 and 7 to reattach the lower grille insert hardware and inner fender liners.



**STEP 15:** Clip the ambient air temperature sensor back onto the lower grille insert.



**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356

## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 16:** Remove the (2) caliper anchor bolts, remove the calipers and support.



**STEP 17:** Remove the front rotors. Remove (3) bolts on the backing plate and remove plate.



**STEP 18:** Install the new backing plate with (3) fasteners and torque to 15 ft.-lb.



**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 19:** Install the provided tie wrap to fasten the brake hose to the anti roll bar.



**STEP 20:** Slide the brake hose over the new backing plates and secure with provided hose clamp.



**STEP 21:** Install rotor.



**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



## 2012 Mustang Boss 302 Laguna Seca Edition Front Brake Cooling Kit M-2004-MB INSTALLATION INSTRUCTIONS

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

**STEP 22:** Install the calipers and torque the anchor bolts to 85 ft.-lb.



**STEP 23:** Install the front wheels and torque to 98 ft.-lb.



**STEP 24:** Prior to lowering vehicle, inspect clearance to brake cooling ducts by turning steering wheel lock to lock in both directions. Check for interference to moving parts and ensure duct free-play is correct each side.

**Tech “Hot Line” (800) FORD788**

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356