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## INSTALLATION INSTRUCTIONS - INS139

# REAR CONTROL ARM LOWER ARMS ONLY

Part # 2523 / 2005 - 2014 Mustang Rear Control Arms (inc upper)

Part # 25215 / 2005 - 2014 Lower Arms Only



**Special Tools required:** 18mm socket, 21mm deep socket, 50mm Torx bit, ratchet, long extension and Pliers or vice grips.



**Install Time:** Approximately 4 hours.



**Difficulty:** Average.



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**IMPORTANT:** All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: April 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

## UPPER ARM

### STEP 1

Lift and support rear of vehicle with jack stands, letting the rear axle and suspension decompress. For safety reasons, leave an additional jack or jack stand just below the rear axle. The rear shocks should support the weight of the axle.

### STEP 2



From inside the car, remove rear seat by pushing in on tabs under seat front, one on each side. Lift seat bottom up and remove from car.

### STEP 3

Remove the single 18mm bolt on center of trans tunnel.

### STEP 4

Place a jack under one side of the fuel tank to support the weight of the tank only. **DO NOT LIFT THE VEHICLE BY THE FUEL TANK!**

### STEP 5



From under the car, remove the (2) #50 Torx bolts that retain the gas tank straps. Let fuel tank hang down onto drive-shaft.

### STEP 6

Remove two 18mm bolts that retain upper control arm bracket to floor. Lower the tank slowly. Tank will rest on the drive-shaft when lowered.

**NOTE** The bolt that attaches the upper control arm to the rear end housing has an arm/flag on one side to keep it from spinning. Be sure to put your wrench or socket on the 21mm nut that is on the other side to remove the bolt.

### STEP 7

Remove the bolt that holds the upper arm to top of rear end housing.

### STEP 8

Remove the bracket and arm from the vehicle.

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### STEP 9

Remove the 18mm bolt that holds the control arm to the bracket.

### STEP 10

Install the BBK upper arm into the bracket using the original bolt and tighten to 129 ft-lbs.

### STEP 11

Install the bracket and arm back into the car and tighten the 2 bolts that hold the bracket to the floor pan to 89 ft-lbs.

### STEP 12

Tighten the BBK arm to the rear end housing using the original nut and bolt to 129 ft-lbs.

### STEP 13

Torque the front bracket bolt (inside the car) to 129 ft-lbs. Reinstall rear seat.

### STEP 14

Lift fuel tank back into position and re-secure tank straps with the original bolts.

## LOWER ARMS

### STEP 1

Lift and support rear of vehicle with jack stands, letting the rear axle and suspension decompress. For safety reasons, leave an additional jack or jack stand just below the rear axle. The rear shocks should support the weight of the axle.

**NOTE** Release the parking brake before moving to STEP 2.

### STEP 2



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### STEP 2 (CONT.)



Remove clip for e-brake cable at caliper. Remove cable from actuating arm.



Slide cable out and through lower control arm. Let the cable hang.

### STEP 3

Remove front and rear 18mm control arm mounting bolts and remove lower control arm from the car.

### STEP 4

Install new lower arm with stock bolts. Tighten bolts to 129ft-lbs.

### STEP 5

Loop e-brake cable under arm and reconnect it to the caliper actuating arm.

### STEP 6

Reinstall cable retaining clip.

### STEP 7

Repeat for opposite side.

**NOTE** Apply the parking brake firmly before lowering the car from the jack stands!

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