

**FORD:** 2003 MUSTANG**ISSUE**

Some 2003 Mustang Cobra vehicles may exhibit a steering drift/pull condition. This may be a result of the tire size on this vehicle (P275/40R17). This size of tire makes the vehicle particularly sensitive to road crown and truck ruts compared to other vehicles. This tire size also makes the vehicle more sensitive to front end alignment than other Mustangs. Crown sensitivity is how a vehicle responds to crowned roads and how quickly it runs off a straight line course.

**ACTION**

Inspect steering and suspension components for wear. Inspect brake components for drag and realign the vehicle with the provided revised specifications if necessary.

**SERVICE PROCEDURE**

Wider tires cause the tire centerline to move outboard on the vehicle (Figure 1). This increase in distance between the narrow tire and the wide tire may cause Cobra models to be more crown sensitive than base Mustangs. Wider tires are used on the Cobra to meet the expectations for driving dynamics and more aggressive appearance.

1. Inspect front tires for condition and pressure. Adjust pressure to 32 psi and rotate tires if necessary.
2. Inspect front suspension components (bushings, ball joints, wheel bearings, shocks, etc.) for wear or play and replace as necessary.
3. Inspect steering components (tie rod ends, intermediate shaft, steering gear) for wear or play and replace if necessary.
4. Inspect brakes for brake drag and replace if necessary.
5. Realign vehicle to revised specifications below.

2003 MUSTANG COBRA ALIGNMENT SPECIFICATIONS				
Item	Unit	Left	Right	Total/Split
Front Camber	Degrees	-0.8 ± 0.2	-1.0 ± 0.2	+0.2 ± 0.2
Front Caster	Degrees	3.1 ± 0.2	3.3 ± 0.2	-0.2 ± 0.2
Front Toe-In	Degrees	0.125 ± 0.04	0.125 ± 0.04	0.25 ± 0.08
Rear Camber	Degrees	-0.8 ± 0.2	-0.8 ± 0.2	0.0 ± 0.2
Rear Toe-In	Degrees	0.10 ± 0.04	0.10 ± 0.04	0.20 ± 0.08

**OTHER APPLICABLE ARTICLES:** NONE  
**WARRANTY STATUS:** INFORMATION ONLY  
**OASIS CODES:** 303000

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

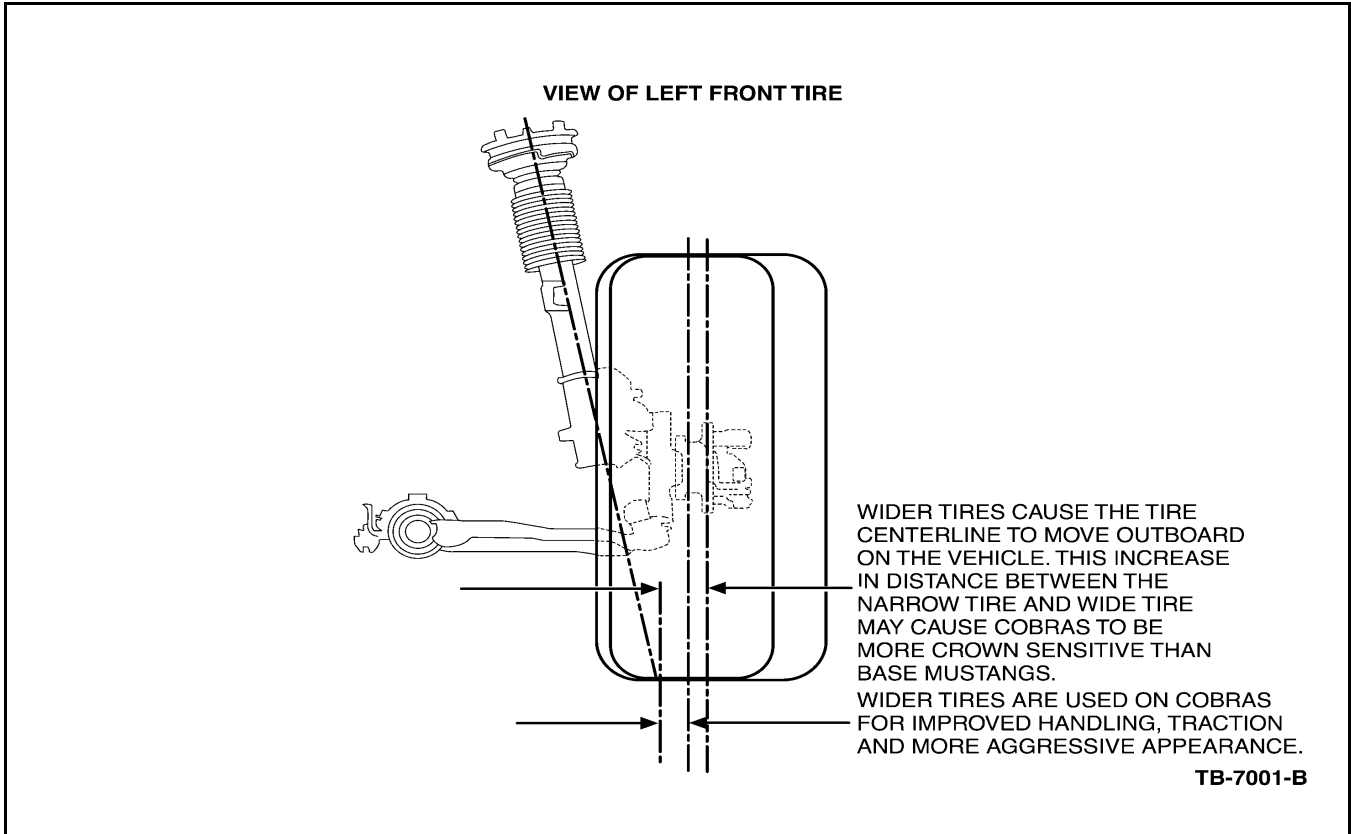


Figure 1 - Article 03-3-6