

SECTION 204-00 Suspension System — General Information

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SPECIFICATIONS**Alignment Specifications**

| Item | LH | RH | Total/ Split |
|---|------------------------------|------------------------------|-----------------------------|
| Front | | | |
| Camber (all except Shelby) | $-0.75^\circ \pm 0.75^\circ$ | $-0.75^\circ \pm 0.75^\circ$ | $0^\circ \pm 0.75^\circ$ |
| Caster (all except Shelby) | $7.1^\circ \pm 0.75^\circ$ | $7.1^\circ \pm 0.75^\circ$ | $0^\circ \pm 0.75^\circ$ |
| Camber (Shelby) | $-1.0^\circ \pm 0.75^\circ$ | $-1.0^\circ \pm 0.75^\circ$ | $0^\circ \pm 0.75^\circ$ |
| Caster (Shelby) | $7.2^\circ \pm 0.75^\circ$ | $7.2^\circ \pm 0.75^\circ$ | $0^\circ \pm 0.75^\circ$ |
| Toe (all except Shelby) (positive value is toe in, negative value is toe out) | — | — | $0.20^\circ \pm 0.20^\circ$ |
| Toe (Shelby) (positive value is toe in, negative value is toe out) | — | — | $0.00^\circ \pm 0.20^\circ$ |

General Specifications

| Item | Specification |
|---|---|
| Ball Joint Deflection | |
| Lower ball joint | 0-0.3 mm (0-0.012 in) |
| Dogtracking | |
| Clear vision (negative value is counterclockwise) | $0^\circ \pm 3^\circ$ |
| Maximum | 13 mm (0.5 in) |
| Front Ride Height | |
| V6 Coupe, GT Coupe and Mustang Convertible | 41 mm (1.614 in) \pm 8 mm (0.314 in) |
| Shelby Convertible | 36 mm (1.417 in) \pm 8 mm (0.314 in) |
| GT Brake Performance Package | 40 mm (1.574 in) \pm 8 mm (0.314 in) |
| Rear Ride Height | |
| V6 Coupe, GT Coupe and GT Convertible | 113 mm (4.448 in) \pm 8 mm (0.314 in) |
| Shelby Coupe | 115 mm (4.527 in) \pm 8 mm (0.314 in) |
| V6 Convertible | 114 mm (4.488 in) \pm 8 mm (0.314 in) |
| Shelby Convertible | 118 mm (4.645 in) \pm 8 mm (0.314 in) |
| GT Brake Performance Package | 112 mm (4.409 in) \pm 8 mm (0.314 in) |

Torque Specifications

| Description | Nm | lb-ft | lb-in |
|--|-----|-------|-------|
| Brake hose bracket bolt | 20 | — | 177 |
| Lower control arm rear inboard cam nut | 185 | 136 | — |
| Strut-to-wheel spindle cam nut | 225 | 166 | — |
| Strut-to-wheel spindle upper bolt | 225 | 166 | — |
| Tie-rod jam nut | 55 | 41 | — |
| Wheel speed sensor bolt | 15 | — | 133 |