

Wheel Alignment

GENERAL MOTORS

BUICK

TIRE INFLATION (COLD)

Before checking wheel alignment, ensure that tires are inflated to manufacturers specifications, found on tire placard on inside of glove box door or on drivers door jam.

RIDING HEIGHT

With car on smooth level floor, trunk empty and fuel tank full, bounce both front and rear of car several times and let car assume normal position. Measure the dimensions as shown in illustration. If riding height is not within specified limits, install shims between upper end of spring and frame.

CASTER (EXC. SKYHAWK)

Loosen nuts and bolts attaching upper control arm to frame. To increase caster (more positive), remove shims from front bolt and add them to the rear bolt. To decrease caster (more negative), add shims to the front bolt and remove them from

the rear bolt. Tighten control arm shaft nuts to 100 ft. lbs. on Skylarks. On all other models, tighten bolts to 115 ft. lbs. and nuts to 95 ft. lbs.

CAMBER (EXC. SKYHAWK)

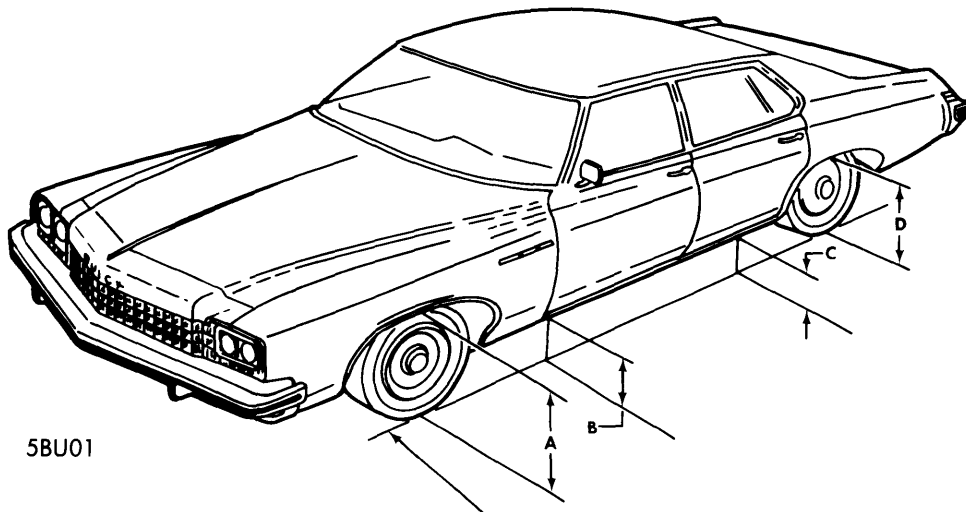
Loosen nuts and bolts attaching upper control arm to frame. To increase camber (more positive), remove equal amount of shims from front and rear bolts. To decrease camber (more negative), add equal amount of shims to front and rear bolts. Tighten upper control arm shaft nuts to 50 ft. lbs. on Skylark and 70 ft. lbs. on all other models.

CASTER (SKYHAWK)

Loosen rear lower control arm pivot nut and rotate cam until specified caster setting is reached. Tighten pivot nut to 125 ft. lbs. and check camber setting.

CAMBER (SKYHAWK)

Loosen lower control arm front pivot nut and rotate cam until specified camber setting is reached. Tighten pivot nut to 125 ft. lbs. and recheck caster.



RIDING HEIGHT MEASURING POINTS

RIDING HEIGHT SPECIFICATIONS

Application	A	B	C	D
Skyhawk.....		7.75"	7.75"	
Skylark.....	27.11"	9.4"	9.16"	25.30"
Century & Regal				
Sedan.....	27.85"	10.27"	9.99"	25.51"
Coupe.....	28.52"	10.12"	9.98"	27.50"
Wagon.....	28.02"	10.49"	10.26"	26.20"
Estate Wagon.....	28.79"	9.55"	9.49"	25.06"
Electra.....	28.60"	9.30"	9.19"	23.40
LeSabre				
Sedan.....	28.57"	9.26"	9.02"	24.36"
Coupe.....	28.57"	9.26"	9.12"	24.18"
Riviera.....	29.09"	9.12"	8.89"	27.12"