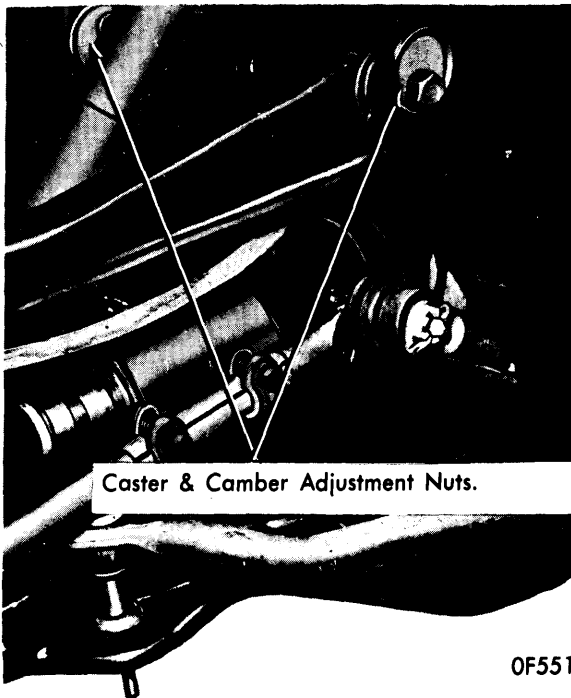


## GENERAL MOTORS (Cont.)

### CAMBER & CASTER (ELDORADO)

Loosen nuts on upper control arm front and rear cam bolts, note camber reading. Rotate front bolt to correct for half of incorrect reading. Rotate rear bolt to bring camber reading to 0°, then tighten front and rear cam bolts. Check caster and if no adjustment necessary, tighten cam nuts to 95 ft. lbs. If caster adjustment necessary, loosen front and rear cam bolts and rotate front bolt so camber changes an amount equal to ¼ of desired caster change. If adjusting for excessive negative caster, rotate front bolt to increase positive camber; if adjusting for excessive positive caster, rotate front bolt to increase negative camber. Rotate rear cam bolt until camber setting returns to 0°. Tighten cam nuts to 95 ft. lbs. and recheck adjustments.



Caster & Camber Adjustment Nuts.

OF5511

### ELDORADO CASTER & CAMBER CAM LOCATIONS

### CHEVROLET (EXCEPT VEGA & CORVETTE)

#### TIRE INFLATION (COLD)

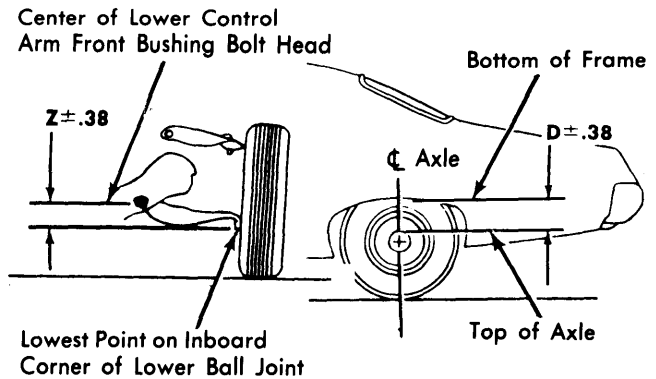
Inflate tires to manufacturers specifications, found on tire inflation placard attached to left front door.

#### RIDING HEIGHT

With car on smooth level floor, lift car about 1 ½" at front bumper and allow vehicle to settle on its own. Repeat twice more, then measure distance "Z". Push car down three times allowing it to settle on its own and measure distance "Z" again. True "Z" measurement is average of two readings. Repeat procedure at rear bumper and measure "D" (see illustration). Measurements must be within specifications (see specifications table).

### Riding Height Specifications

Model	"Z" (In.)	"D" (In.)
Chevrolet		
Standard V8.....	3.35.....	6.29
Wagon.....	2.80.....	5.53
Chevelle		
Sedan W/E78 Tires.....	2.43.....	5.50
W/G78 Tires.....	2.06.....	5.08
Coupe W/E78 Tires.....	2.52.....	5.58
W/G78 Tires.....	2.06.....	5.06
SS Coupe.....	2.12.....	5.09
El Camino P/U.....	2.13.....	4.61
Wagon.....	2.34.....	4.64
Monte Carlo.....	1.67.....	4.98
Camaro		
All (Exc. Z28).....	2.08.....	6.04
Z28.....	2.69.....	6.97
Nova		
W/E78 Tires.....	2.23.....	5.00
W/E70 Tires.....	2.27.....	5.05
W/FR78 Tires.....	2.55.....	5.29



4CH01

### RIDING HEIGHT MEASUREMENTS (EXCEPT VEGA & CORVETTE)

#### CASTER

Loosen bolts and nuts attaching upper control arm shaft to frame. To decrease caster, add shims to front bolt or remove shims from rear bolt. To increase caster, remove shims from front bolt or add shims to rear bolt. Tighten bolts when adjustments are completed. *NOTE — Normal shim pack will leave at least two threads of bolt exposed beyond nut. Difference between front and rear shim packs must not exceed .40".*

#### CAMBER

Loosen bolts and nuts attaching upper control arm shaft to frame. Adding an equal number of shims at both front and rear bolt will decrease camber while subtracting an equal number of shims will increase camber. Tighten bolts when adjustments are completed. *NOTE — Normal shim pack will leave at least two threads of bolt exposed beyond nut. Difference between front and rear shim packs must not exceed .40".*