

Bushing Position Chart for CAMBER/CASTER CHANGE

EXAMPLE SHOWN IS for a 2° Bushing installed on the Drivers side. Camber readings (+ or –) are reversed for the passenger side.

EXAMPLE: The example shown is a 2° Bushing used on a 2 W/D application. Placed in the vehicle with the slot toward the front (as shown) CASTER only would change. (2° Negative in the sample shown.) If the bushing were rotated to the "B" position CASTER & CAMBER would each decrease 1-3/8°. This is illustrated by the (–) marks in both the CASTER CHANGE Circle and CAMBER CHANGE Circle intersecting the line to the letter "B".

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	+ or – Degrees of Adjustment			
	2WD		4WD	
Bushing	Max.	Combined	Max.	Combined
I.D.	Camber or	Camber &	Camber or	Camber &
Number	Caster	Caster	Caster	Caster
SL-0	Ø	Ø	Ø	Ø
SL-1/2	.50 (1/2)	.3 (5/16)	.4 (3/8)	.2 (1/4)
SL-1	1.00 (1)	.7 (11/16)	.7 (3/4)	.5 (1/2)
SL-1½	1.50 (1½)	1.1 (1-1/16)	1.0 (1)	.7 (3/4)
SL-2*	2.00 (2)	1.4 (1-3/8)	1.4 (1-3/8)	1.0 (1)
SL-2½*	2.50 (21/2)	1.7 (1-15/16)	2.00 (2)	1.3 (1-1/4)
SL-3*	3.00 (3)	2.1 (2-1/4)	2.50 (21/2)	1.6 (1-3/4)

SPECIAL INSTRUCTIONS

INSTRUCTIONS FOR LOCKING ALIGNMENT BUSHING Patent Pending

- Set up alignment gauges, take and record readings. 1.)
- 2.) Determine the bushing needed to adjust readings to desired angles. NOTE: When using the bushing for combination changes the amount of change is less than the degree of change stamped on the bushing.

When installed in 4WD vehicles, the amount of adjustment is less than when installed in 2WD vehicles. This is due to the wider upper/lower ball joint spacing to accommodate the driveshaft in the 4WD axle.

ON HIGHER DEGREE BUSHINGS IT MAY BE NECESSARY TO WIDEN THE GAP OF THE PINCH BOLT. ASSEMBLY SLIGHTLY FOR FASE OF INSTALLATION.

- Raise the vehicle with an air jack or other suitable lift so that approximately half of the vehicle weight 3.) is off the tire/wheel assembly.
- 4.) Remove upper ball joint stud snap ring (where applicable).
- 5.) Using an appropriate socket, loosen, then remove the upper ball joint pinch bolt and remove the factory bushing by prying upward under the bushing shoulder.
- 6.) Install the new bushing with the slot facing in the desired direction. Make sure one of the six slots on the top of the bushing lines up with the gap in the knuckle. Refer to the chart on the backside of this page for proper slot direction for desired angle changes.
- Tap downward on the bushing to seat it. Reinstall snap ring(where applicable). 7.)
- Lower the vehicle and jounce the suspension. Take alignment reading and make any necessary final 8.) adjustments to the bushing to obtain desired final results.
- 9.) Install special locking key so it properly engages chosen top bushing slot (Image #1).
- 10.) IMPORTANT! Install NEW PINCH BOLT and torque to manufacturer's specifications according to year/make/model, making sure that if has properly engaged the special locking key.
- 11.) After adjustment of camber and caster on both sides adjust toe to specifications.
- Road test vehicle.

