



59400 Installation Instructions

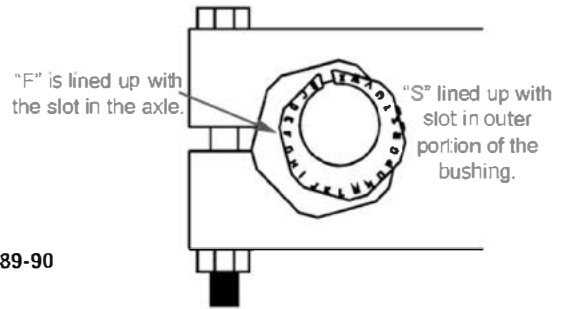
1. Remove the stock **bushing** and install the 0° bushing, then determine camber/caster changes needed (it may be necessary to spread the pinch bolt slot by gently inserting a chisel into the gap).
2. Refer to the proper chart for your vehicle.
3. Using proper chart find camber change needed.
4. Find caster change needed. Driver side start is on the left side passenger side is on the right side of chart.
5. Follow both measurements to their intersection. In this box you will find two letters. The upper letter is the letter code for the inner piece adjustment. The lower letter is for the installation reference point.
6. Adjust the inner bushing piece so that the top letter(s) found on chart is centered with slot of the outer bushing piece.
7. Remove the 0° bushing and install the New bushing so that the lower letter found on the chart is centered with the slot in the pinch bolt axle. It may be necessary to rock the spindle assembly into proper alignment with the bushing.
8. Place the old bushing on top of the New bushing, firmly seat the bushing in place
9. Install snap ring (if equipped).
10. Tighten the pinch bolt to 55-65 ft. lbs.
11. Set toe and recheck alignment.

Example Setting Only!!

The top letter in the box is used to adjust the bushing. Line up the top letter with the slot in the outer portion of the bushing.



The lower letter in the box is used to position adjusted bushing into the truck. Line up this letter with the slot in the axle.



Use this chart for:
 Bronco II (with Pinch Bolt Axle) 1989-90
 Explorer 1991-94
 Ranger (with Pinch Bolt Axle) 1989-97
 B2300/B2500/B3000/B4000 1994-04
 Navajo 1991-94

		- Negative -																+ Positive +																	
		Camber																Camber																	
		2.5°	2.25°	2°	1.75°	1.5°	1.25°	1°	.75°	.5°	.25°	0°	.25°	.5°	.75°	1°	1.25°	1.5°	1.75°	2°	2.25°	2.5°													
Driver Side	Caster +	2.5°								M	K	L	M	N	L	M								2.5°	Passenger Side	-									
										F	E	F	G	H	G	H										2.25°	-								
											N	J	P	H	I	J	K	L	M								2°	-							
											D	J	C	P	I	H	H	R	R	I	J	P	N				1.75°	-							
											M	K	I	H	G	H	R	R	I	J	M	J					1.5°	-							
											D	J	C	P	I	H	G	H	R	R	I	J	M	J			1.25°	-							
											N	J	C	P	I	H	G	H	R	R	I	J	M	J			1°	-							
											M	K	I	H	G	H	R	R	I	J	M	J					.75°	-							
											L	J	R	S	F	E	V	C	B	A	A	B	C	D		U	F	G	H	P	K	.5°	-		
										N	I	Q	D	V	U	I	T	S	Q	S	U	A	C	E		Q	G	H	I	Q	L	.25°	-		
										M	J	H	G	E-F	D-E	D	C	A			A	X	V	U-V		T-U	S	R	P	M	0°	-			
										L	O	I	S	F	E	D	C	A	A	A	W	V	U	T		G	Q	I	N	.25°	-				
										K	P	H	G	F	U	D	C	B	A	A	B	W	V	E		T	S	R	J	O	.5°	-			
										M	J	I	G-H	T	E-F	Q	D	C	W	C	C	V	U	T-U		G	R-S	Q	P	M	.75°	-			
																														1°	-				
																														1.25°	-				
																														1.5°	-				
																														1.75°	-				
																												2°	-						
																												2.25°	-						
																												2.5°	-						
Driver Side	Caster -	2.5°																										2.5°	Passenger Side	+					
																														2.25°	+				
																															2°	+			
																															1.75°	+			
																															1.5°	+			
																															1.25°	+			
																															1°	+			
																															.75°	+			
																															.5°	+			
																												.25°	+						
																												0°	+						
																												.25°	+						
																												.5°	+						
																												.75°	+						
																												1°	+						
																												1.25°	+						
																												1.5°	+						
																												1.75°	+						
																												2°	+						
																												2.25°	+						
																												2.5°	+						

		CAMBER														
		- Negative -							+ Positive +							
		1.75°	1.5°	1.25°	1°	.75°	.5°	.25°	0°	.25°	.5°	.75°	1°	1.25°	1.5°	1.75°
Driver Side	CASTER	+ Positive +	1.75°						M	G						
		1.5°				K	O	L	J	I	K	M				
		1.25°		M	K	J	H	G	G	S	H	J	O	M		
		1°		O	E	J	H	F	F	E	T	H	J	K		
		.75°	M	J	H	F	E	V	D	D	U	F	H	J	K	
		.5°	K	H	T	U	D	B	A	B	D	E	F	H	O	
		.25°	I	S	F	D	B	A		A	B	V	T	G	L	
		0°	M	J	G	E	D	A			A	V	U	S	P	M
	CASTER	- Negative -	1.75°													
		1.5°														
		1.25°														
		1°														
		.75°														
		.5°														
		.25°														
		0°														

Applications: 1990-1989 Ford Bronco II, 1997-1989 Ford Ranger, 1994-1991 Ford Explorer
 1994-1991 Mazda Navajo, 1997-1994 Mazda B-Series Pickup

		CAMBER																
		- Negative -							+ Positive +									
		2°	1.75°	1.5°	1.25°	1°	.75°	.5°	.25°	0°	.25°	.5°	.75°	1°	1.25°	1.5°	1.75°	2°
Driver Side	CASTER	Positive	2°							M	G							
		1.75°				M	N	J	I	J	I	J	L	M				
		1.5°			K	O	Q	I	H	G	R	H	I	K	L			
		1.25°		L	J	H	G	S	F	F	T	G	G	R	J	K		
		1°	M	K	R	A	F	U	E	E	U	E	F	G	H	O	M	
		.75°	L	I	G	F	E	V	W	C	C	D	E	F	G	Q	N	L
		.5°	J	H	G	E	D	B	A	A	A	B	V	U	S	I	J	
		.25°	I	R	T	U	C	A				A	W	E	F	H	L	L
	CASTER	- Negative -	2°															
		1.75°																
		1.5°																
		1.25°																
		1°																
		.75°																
		.5°																
		.25°																
CASTER	+ Positive +	2°								M	S							
	1.75°																	
	1.5°																	
	1.25°																	
	1°																	
	.75°																	
	.5°																	
	.25°																	

Applications: 2WD Ford Trucks, 1996-1987 F-150, 2012-1987 F-250, 2012-1987 F-350