



Camaro [Steering Shaft](#) Instructions (Big Block Chevy motor)

8050540, 8050550, 8050570, 8050580, 8050600, 8050610, & 8051660

Full refund will NOT be granted to any kits that are damaged, scratched, or altered in any fashion.



Kit Contents:

#	Part Number	Description	Quantity
1a	543010	DD Shaft w/ Spline	2
1b	543100	DD Shaft w/ Notch (Only in Kit # 8050570. Replaces one 543010)	1
2	8050480	Steering Shaft Support	1
3	8021040	Center Support Bracket	1
4	230890	7/16"-14 x 3 1/4" Hex Bolt	2
5	200920	7/16" Lock Washer	2
6	200860	7/16" Flat Washer	2
7	120530	3/4"-16 Hex Nut	1
8	8050440	9/16"-30 x 9/16"-30 U-Joint	1
9a	8050640	17 DD x 3/4 DD U-Joint (Only in Kit # 8050540, 8050550, 8050600, 8051660)	1
9b	8050320	1"-48 x 3/4 DD U-Joint (Only in Kit # 8050540, 8050570)	1
9c	8050230	9/16"-26 x 3/4 DD U-Joint (Only in Kit # 8050570, 8050580, 8050610)	1
10a	8050880	3/4"-36 x 3/4 DD U-Joint (Only in Kit # 8050600, 8050610)	1
10b	8050300	3/4 DD x 3/4 DD U-Joint (Only in Kit # 8051660)	1
10c	8050310	1"-DD x 3/4"-DD U-Joint (Only in Kit # 8050550, 8050580)	1

These Steering shafts require some assembly and some trimming. Please follow these instructions carefully and read completely before starting.

1. Thread the support bearing with the jam nut into the steering shaft support bracket until the shank is flush to the frame side of the support bracket.
2. With the support bearing flush the curved side of the bracket should be pointing slightly toward the ground. Insert the two 7/16 bracket bolts provided, thru two of the steering box mounting holes in the frame that are farthest apart (bolt heads to the outside of the frame).
3. Thread the bolts into the bracket and hand tighten them. Fasten the column u-joint on to the upper steering shaft (the upper shaft is the shaft that has a groove on the double d end).
4. Slide the upper shaft into the support bearing and attach the middle joint to it. Be sure the u-joint is phased 45 degrees out of phased.
5. Attach the top u-joint to the column. Attach the splined side of the lower shaft in the middle u-joint, but don't tighten, since this will need to be trimmed. **(note: some kits have a different combination of joints. Determine the correct order first)**
6. Attach the rack and pinion u-joint on the steering gear, and determine how much will need to be trimmed from the lower shaft.
7. Remove the shaft and trim to size. You will also need to put a groove in the shaft, like the one on top steering shaft. You can do this with either a grinder or a file.
8. Reassemble the lower shaft, again making sure the u-joint are 45 degrees out of phase. Now that your shaft is the right length, turn it to make sure it is smooth. You may have to thread the support either in or out if you feel a bump or bind.
9. Once you feel your shaft is smooth tighten all fasteners. If this is a manual kit the lower u-joint that goes on the pinion should be tightened to 40 ft. pounds.

