

1968-1972 Chevy Nova 4-Link **Install Instructions** 1-866-925-1101

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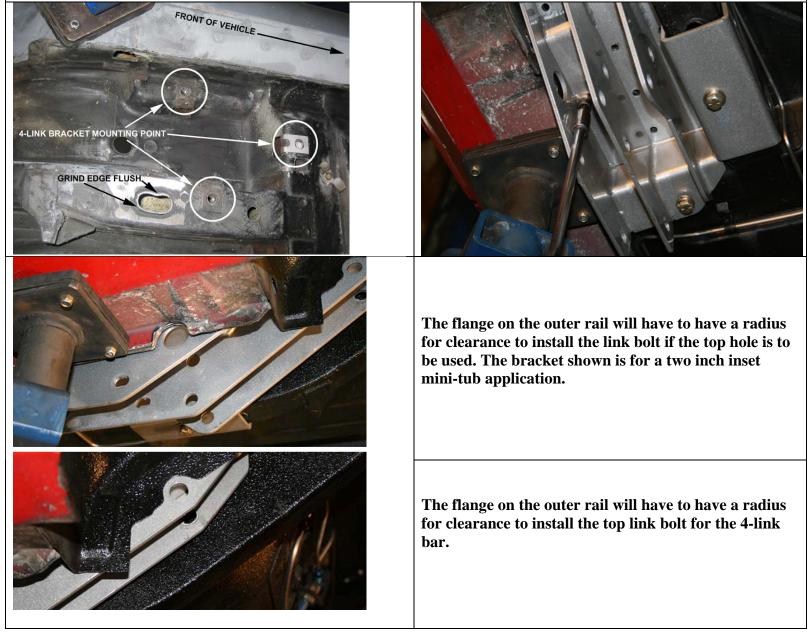


67 [429-4202-00] OR 68-69 [429-4202-00]			REAR BRACKETS		BARS		Shocks	
Includes:		Inclu	Includes:		Includes:		Includes:	
1	REAR C/O CROSSMEMBER	1	DRV SIDE BKT	2		2	All-American C/O Shocks	
1	BOLT-ON PANARD BRACKET	1	PAS SIDE BKT		Performance Bars			
2	RE-ENFORCEMENT PLATES	1	DRV SIDE TOP PLT		w/ bushings	2		
2	SHOCK BLOCK OFF PLATES	1	PAS SIDE TOP PLT	2	18 ¹ / ₂ * 1 ¹ / ₄ Performance Bars	2	5/8-18 * 5 ½" Bolts	
1	WELD-ON PANARD BRACKET	32	5/16-24 * 1 ¼ SBCH		w/ bushings	2	Upper 5/8" Spacer	
4	5/16-24 * 1 ¼ SBCH note (67 will have 8)	32	5/16-24 NYLOX	4	³ / ₄ Stainless	2	Lower 2 3/8" Spacer	
4	5/16-24 NUT NYLOX note (67 will have 8)	32	¹ ⁄ ₄ USS WASHERS		Adjustors w/ jams & bushings		Axle Brackets	
4	5/16 FLAT WASHERS note (67 will have 8)	4	3/8-16 * 1" BOLTS	8	5/8-18*2 3/4 SBCH	2	4-Link Axle Brackets	
4	5/16 -18 * ¾ SBCH	2	3/8-16 * 1 ¼" SHCS	8	5/8-18 1/2 NYLOX			
4	5/16 LOCK WASHERS	1	3/8 Drill Guide	1	Panard Bar Reg = 39"			
4	3/8 -24 * 3" HEX G8	4	3/8 -16 * 3 ½" HEX G8		Reg = 39 Pro = 37"			
			3/8-24 * 3" G8 (PRO)					
4	3/8 24 NUT NYLOX	4	3/8-16 NUT, PLAIN 3/8-24 ½ NYLOX (PRO)	1	5/8 RH Heim			
8	3/8 FLAT WASHERS	6	3/8 LOCK WASHERS	1	w/jam 5/8 LH Heim			
0	5/01 LAT WASHERS	0	STO LOCK WISHLKS	1	w/jam			
		8	3/8 FLAT WASHERS	2	1/2-20 * 2" G8			
				2	1/2-20 NYLOX			
			Options	4	¹ / ₂ Flat Washers			
SUBFRAME CONNECTORS			SHOCKS		Bar Kit		SWAY BAR KIT	
TCI CONV [429-4622-00] Ch		Chrome A	Chrome All-American		Chrome or Polished		³ ⁄ ₄ " Sway Bar Kit	
					Bar Kit (Link & Panard		Plain or Chrome	
			Billet Adjustable C/O Plain		STK CONV [429-4623-00]		7/8" Sway Bar Kit Plain or Chrome	
STK CONV [429-4624-00] Bi		Billet Adj	Billet Adjustable C/O Polished		TCI COUP [429-4621-00]		STK CONV [429-4624-00]	
STK CONV [429-4623-00]		Drive Shaft Loop [529-5103-00]		Complete Rear End Assembly w/ Brakes			embly w/ Brakes	

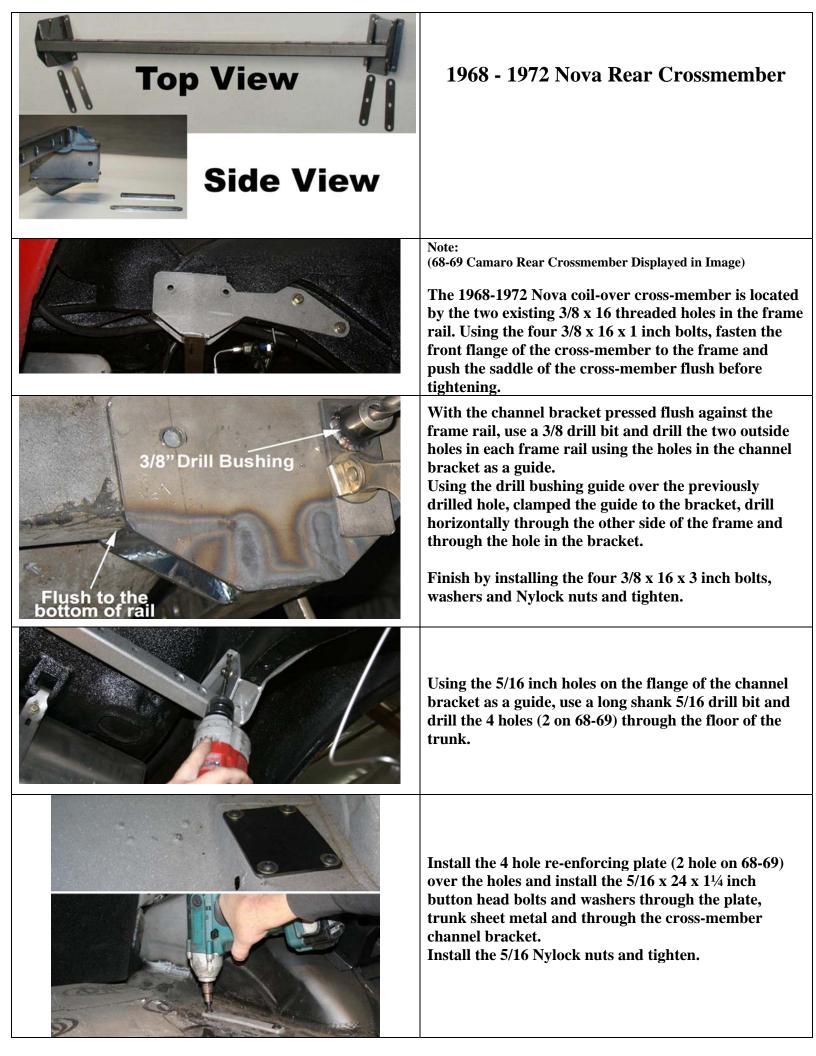
The car needs to be securely positioned on tall jack stands or preferably a hoist to facilitate removal of the old components. Temporarily remove the rear seat and the carpet in the area that the floor will be drilled through.

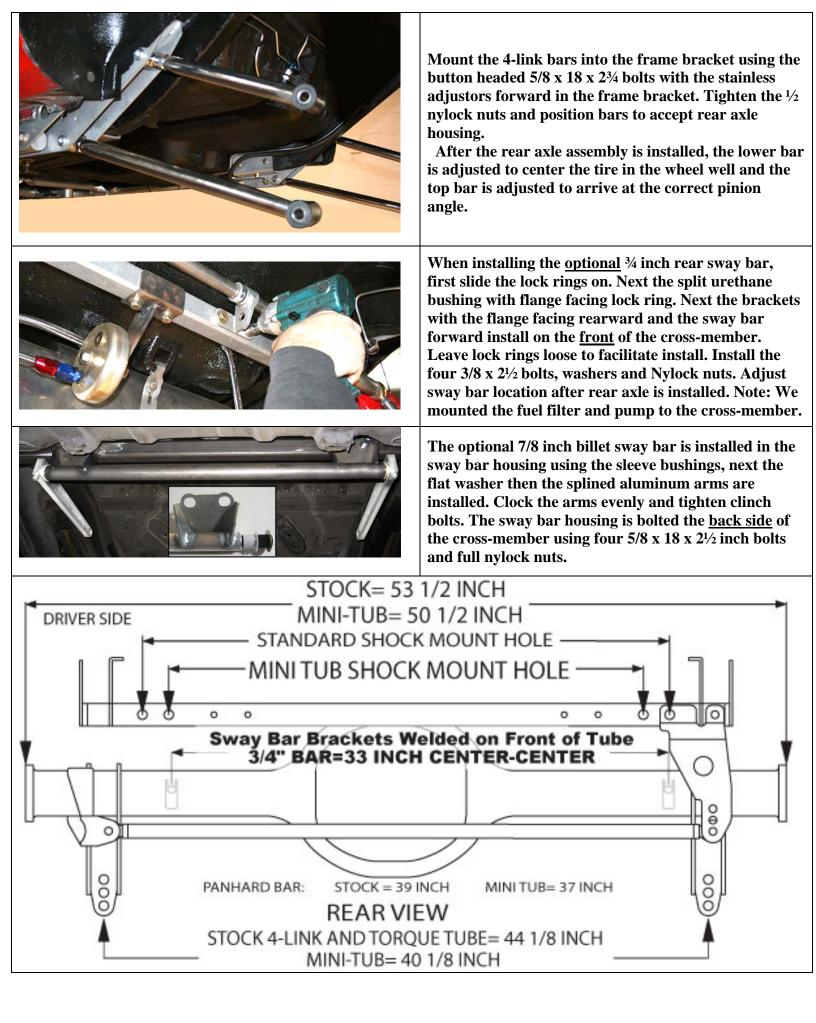
The 2/4 link bracket is installed first. Any high spots on the floor pan will have to be ground flush so the bracket will set flat against the body when bolted up to the original front leaf spring hanger holes.

Position the brackets with the curved end rearward going up the floor pan and the channel aligned over the frame rail. Install the 2 hex head $3/8 \ge 1$ inch bolts on the front and frame channel using flat washers and lock washers. Leave bolts partial loose to facilitate installing the $3/8 \ge 16 \ge 11/4$ socket head bolt with lock washer on the outside hole up inside of the bracket. This can be a little tricky as the nut is on a clip that wants to move around. I ground a slight point on the bolt to help center the inside nut. With the socket headed bolt tight finish tightening the rest of the bolts.



	Next using the 5/16 inch bracket holes as a guide, drill one 5/16 hole through the floor pan and install one of the 5/16 x 1 ¹ / ₄ x 24 button head bolts and install nut on inside and tighten. This will keep the bracket from moving around while drilling and all holes will line up when finished. Finish drilling remainder of the holes using a long shank 5/16 inch drill bit.
	Align the appropriate curved re-enforcing plate on the inside of the car over the drilled bolt holes and have a second person push the 5/16 button headed bolts through the bracket underneath. Install the washers and the 5/16 Nylock nuts and tighten. Note: You may have to grind a flat on the side of the bolt head because a few of the holes are close to the inside of the bracket.
	Using a 3/8 inch drill bit and using the 3/8 inch holes in the channel bracket, drill the inside holes through the frame rail. Then using the furnished drill guide, align the drill bit in the guide with the drill bit in the previously drilled hole and clamp the guide as pictured. This will facilitate in keeping the drill bit in line with the outside holes in the bracket. Install the four $3/8 \ge 16 \ge 3 \frac{1}{2}$ inch bolts washers and Nylock nuts. Note: On mini-tub applications use 3 inch long bolts with $\frac{1}{2}$ nuts. With the link bar bolt installed the clearance is tight.
	Install the 1 ³ / ₄ neoprene end caps in the optional sub- frame connectors. If using a TCI front clip, position the connector tube as shown and install the front $\frac{1}{2} \times 20 \times \frac{3}{2}$ inch bolts with the bolt heads on the inside of the clip tube and the nuts go on the curved receiver side of the connector tube. The rear bolts take washers on both sides and go through the bracket with the nuts on the inside. Bolting on the connectors for a stock clip will require drilling six 3/8 holes using a furnish template. Comes with an inside re-enforcing plate and hardware.
Front of Crossmember 13 ³ / ₁₆	The coil-over cross-member is next. Remove any hanger brackets that will interfere. On the 68-72 Nova, the cross-member is installed up flush with the rear frame rails and measured 13 3/16 inches from the flat vertical body panel to the front edge of the cross-member. The ends of the cross- member are angled in at the front.



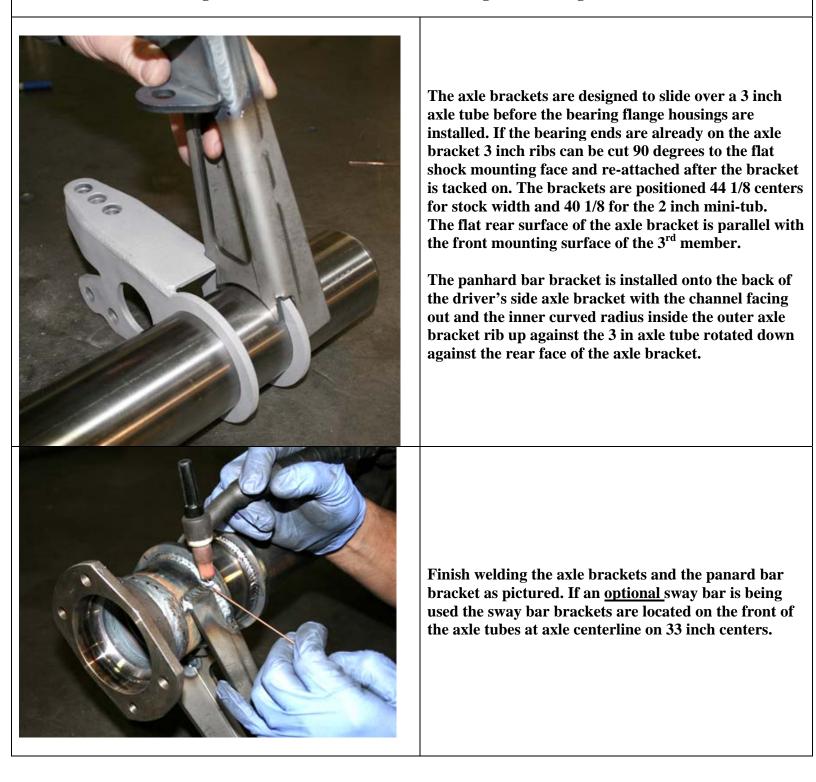


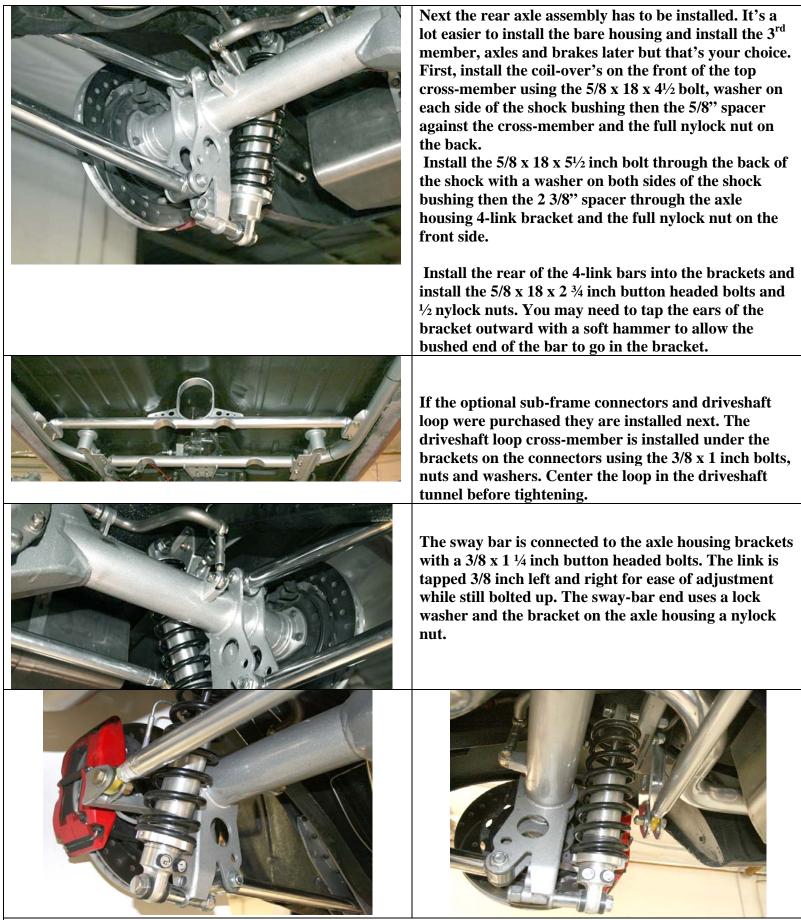
<u>1968-72 Nova</u>

Housing width stock-----52 ½ inches; Axle flange to axle flange 57½ inches Housing width mini-tub--50 ½ inches: Axle flange to axle flange 55 ½ inches

1967-69 Camaro & Firdbird

Housing width stock------53¹/₂ inches: Axle flange to axle flange 58 ¹/₂ inches Housing width mini-tub---50 ¹/₂ inches: Axle flange to axle flange 55¹/₂ inches





The photo on the left shows the panard bar attached to the axle housing bracket using $\frac{1}{2} \ge 20 \ge 2$ inch bolt, washers and Nylock nut. The process is repeated on the right side on the panard bar bracket that is bolted to the coil-over cross-member. The three hole adjustment gives the choice of raising or lowering the rear roll center. Finish the project by installing the shock hole block off plates using the four 5/16 x 18 x $\frac{3}{4}$ button head bolts.



The finished project. This particular install utilized the 2 inch inset mini-tub frame brackets, the optional subframe connectors, driveshaft loop cross-member, Curries fabricated F-9 housing, aluminum adjustable coil-over's and Wilwood 13 inch disc brake kit with red 4 piston calipers.