



Application (A) 02-08 Dodge Ram
Quad Cab 1500
for **Dodge Models:** 03-09 Dodge Ram
Quad Cab 2500/ 3500



INSTALLATION INSTRUCTIONS

XTR Step Bar

By Pilot Automotive Inc.
Customer Service: 800-237-7560







XTR Nerf Bar

Application (A) | 02-08 Dodge Ram
Quad Cab 1500
for Dodge Models: | 03-09 Dodge Ram
Quad Cab 2500/ 3500

Parts List Not all parts listed here are needed for every application.

Main Bar Components					
Quantity	Details	Part No.			
4	3" round bar with step pad	NB100			
2	Center bar clamp	CB100			
Mounting Hardware & Brackets					
1	Rear mounting bracket - out	RMB-O			
1	Rear mounting bracket - in	RMB-I			
1	Front mounting bracket - in	FMB-I			
1	Front mounting bracket - out	FMB-O			
6	Spacer pucks 2.3" (58.5mm)	SP-58			
2	Spacer pucks 1.64" (41.7mm)	SP-41			
4	Support brace with nylon rollers	SB-100			
Fasteners					
4	M12 x 165mm Bolt		lock washer	flat washer	
2	M14 x 165mm Bolt		8		
4	0.5" x 4.5" Bolt				
4	3/8" x 1" Bolt and Nut		8		
For Dodge Application Only			Black	4	
			Black	4	

Tools Needed:
 Ratchet Wrench
 18, 19, 21mm Sockets
 7/8" Socket
 3/4" Socket
 9/16" Socket
 9/16" Open End Wrench
 Torque Wrench
 6mm Allen Wrench(included)

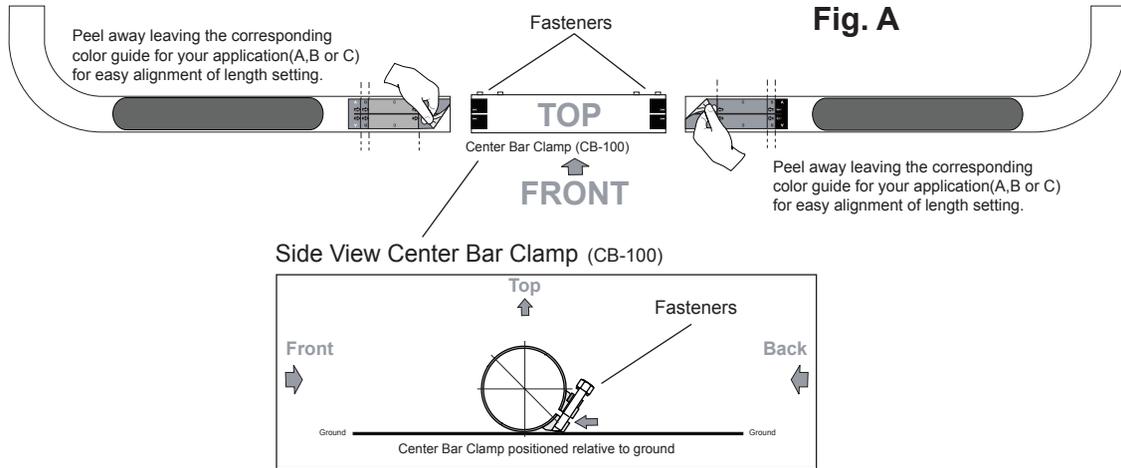




Start Here

BAR ASSEMBLY

1. Place all of the bars on the ground & align as shown below (Fig. A).
2. Refer to the **Color Alignment Chart** on the next page for your particular application (Fig. B).
3. Peel off the color labels from the end (shown below) leaving behind the corresponding color label (A, B or C) as indicated for your particular application.
4. Carefully push the two bars into the center bar, butting the arrows up to the corresponding color label for your application. Lightly tighten the two center bolts (Fig. C) just enough to hold the bar together for installing onto your vehicle.
5. Follow installation instructions for your particular application.
6. After completion of the installation onto your vehicle **tighten all four bolts on each of the center bar clamps securely!**





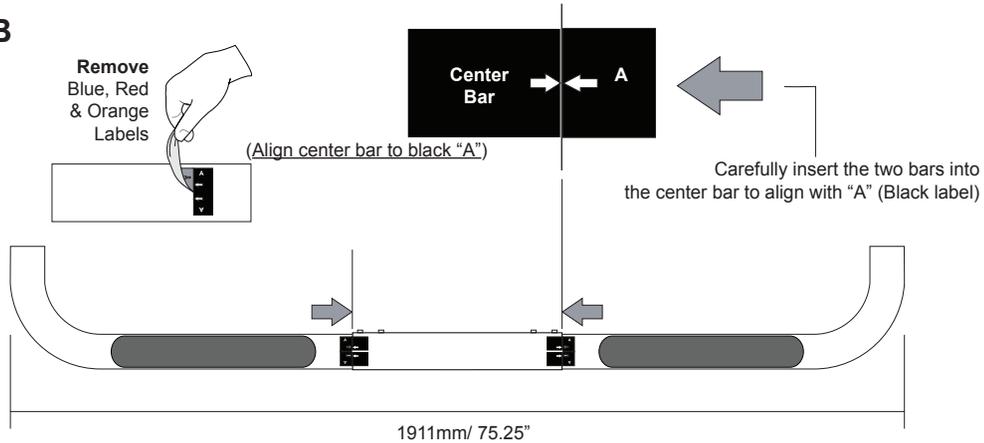
BAR LENGTH SETTINGS

Application (A)

Color Alignment Chart for "A"

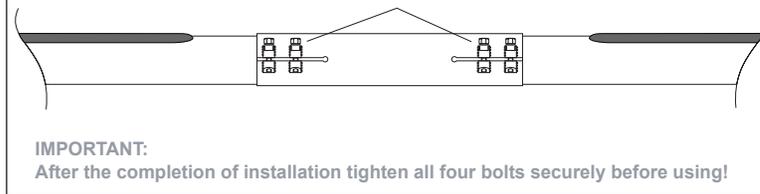
Alignment labels for determining the right bar length for your application:

Fig. B



Lightly tighten the two center bolts just enough to hold bar together until it is completely installed onto your vehicle. (This allows for small easy length adjustments that may be necessary during installation).

Fig. C

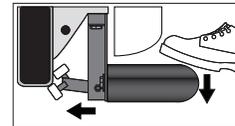
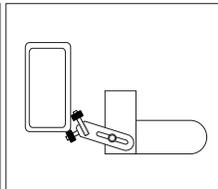
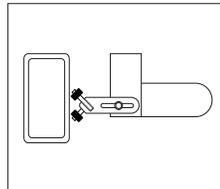




Installation Instruction

1. Before installing, review the instructions carefully, make sure you understand the concept of the installation. Use the illustrations and parts list to verify the parts needed for your specific application. **(Not all the parts listed are needed for every application)**
2. Locate your “truck body” mounting brackets (front & rear) underneath your rocker panel (See Fig. A).
Remove the original retaining bolts from your truck brackets and keep the rubber bushings (with the washers if applicable) for reinstallation (See Fig. B).
3. Identify both of the XTR Front Mounting Brackets; “FMB-I” for driver side and “FMB-O” for passenger side (Fig. A).
4. Identify both of the XTR Rear Mounting Brackets; “RMB-I” for driver side and “RMB-O” for passenger side (Fig. A).
5. Install the XTR front mounting bracket (FMB-I) with the short Spacer Puck (SP-41) using (M-12 x165) bolt & all washers as shown in (Fig. A). Install the XTR rear mounting bracket (RMB-I) with the tall Spacer Puck (SP-58) as shown in (Fig. A). Include your original (rubber bushings & washers if applicable - See Fig B). **Hand tighten both for now & repeat on passenger side.**
6. Attach the assembled step bars onto the brackets using the indicated fasteners and tall Spacer Pucks (SP-58) along with the large 3-1/4” washers as shown in (Fig. A). **(Make sure the bar is properly aligned and make all adjustments before tightening in the following steps). Hand tighten for now.**
7. Torque the step bars securely to the mounting brackets first (60 ft-lbs) on both Driver and Passenger side. Then torque all four mounting brackets securely up onto your truck (65 ft-lbs).
8. Attach the 2 Support Braces (SB-100) to both front and rear mounting brackets as shown in (Fig C). Push the nylon rollers snug up against the truck frame and tighten (35 ft-lbs) **(See Fig. D below) for details. ** Repeat on passenger side.****
9. Finally tighten the 4 bolts on the two Center Bars (CB-100) securely before using.

Fig. D The position and distance of each truck frame vary according to application. It's only necessary to position the rollers “snug” up against the frame in any of the positions shown here before tightening (35 ft-lbs).



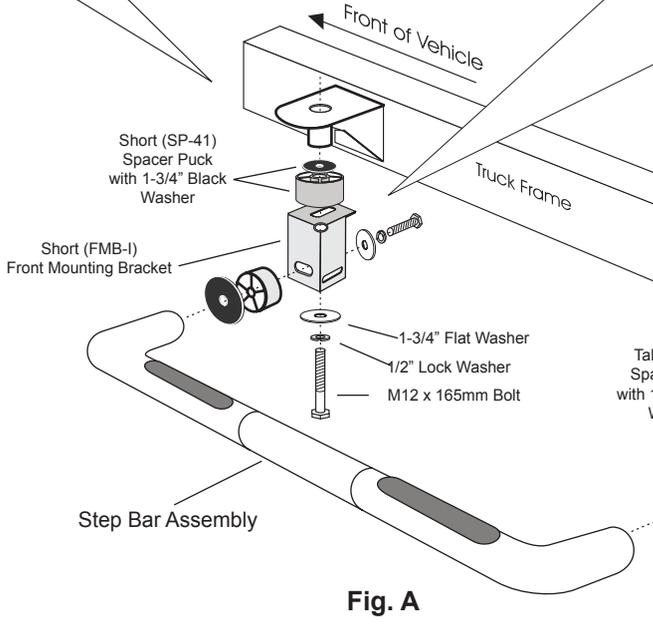
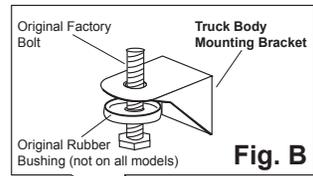
These support braces transfer the standing weight of the bars onto the frame for a solid sturdy step.

Positions for support brace (SB-100) with nylon rollers:

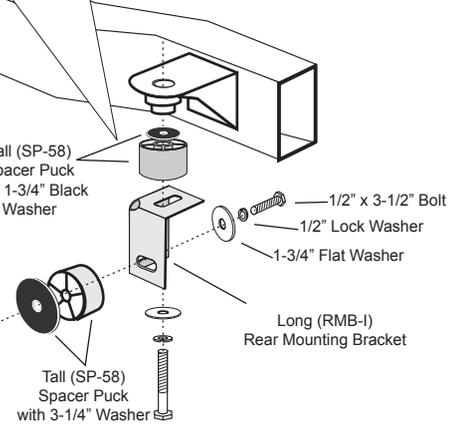
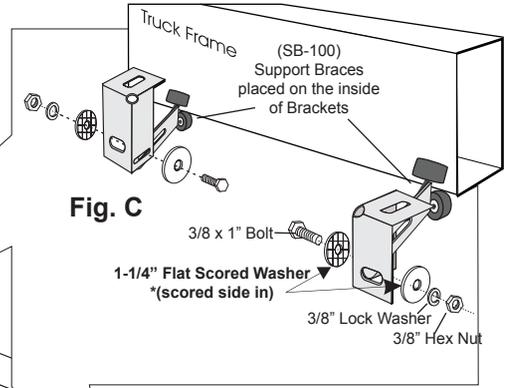




Driver Side Shown



(SB-100) Support Brace Installation





Application (B) 00-Up GM Silverado/ Sierra Ext. Cab
1500/ 2500 4 Door
for **GM** Models: 01-Up GM Silverado/ Sierra Ext. Cab
2500HD/ 3500



INSTALLATION INSTRUCTIONS

XTR Step Bar

By Pilot Automotive Inc.
Customer Service: 800-237-7560







XTR Nerf Bar

Application (B)

for GM Models:

00-Up GM Silverado/ Sierra Ext. Cab
1500/ 2500 4 Door
01-Up GM Silverado/ Sierra Ext. Cab
2500HD/ 3500

Parts List Not all parts listed here are needed for every application.

Main Bar Components				
Quantity	Details	Part No.		
4	3"round bar with step pad	NB100		
2	Center bar clamp	CB100		
Mounting Hardware & Brackets				
1	Rear mounting bracket - out	RMB-O	 	
1	Rear mounting bracket - in	RMB-I		
1	Front mounting bracket - in	FMB-I		
1	Front mounting bracket - out	FMB-O		
6	Spacer pucks 2.3"(58.5mm)	SP-58		
2	Spacer pucks 1.64"(41.7mm)	SP-41		
4	Support brace with nylon rollers	SB-100		
Fasteners				
4	M12 x 165mm Bolt		lock washer 	flat washer 
2	M14 x 165mm Bolt			8 
4	0.5" x 4.5" Bolt			1-3/4" O.D.
4	3/8" x 1" Bolt and Nut			8 1-1/4" O.D. (scored) 
For Dodge Application Only			Black	4 1-3/4" O.D. 
			Black	4 3 1/4" O.D. 

Tools Needed:

- Ratchet Wrench
- 18, 19, 21mm Sockets
- 7/8" Socket
- 3/4" Socket
- 9/16" Socket
- 9/16" Open End Wrench
- Torque Wrench
- 6mm Allen Wrench(included)

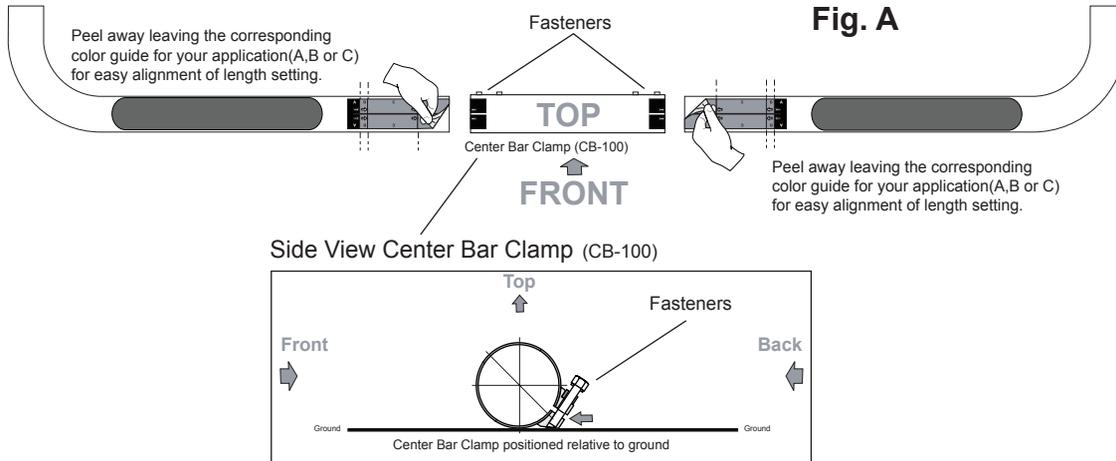




Start Here

BAR ASSEMBLY

1. Place all of the bars on the ground & align as shown below (Fig. A).
2. Refer to the **Color Alignment Chart** on the next page for your particular application (Fig. B).
3. Peel off the color labels from the end (shown below) leaving behind the corresponding color label (A, B or C) as indicated for your particular application.
4. Carefully push the two bars into the center bar, butting the arrows up to the corresponding color label for your application. Lightly tighten the two center bolts (Fig. C) just enough to hold the bar together for installing onto your vehicle.
5. Follow installation instructions for your particular application.
6. After completion of the installation onto your vehicle **tighten all four bolts on each of the center bar clamps securely!**





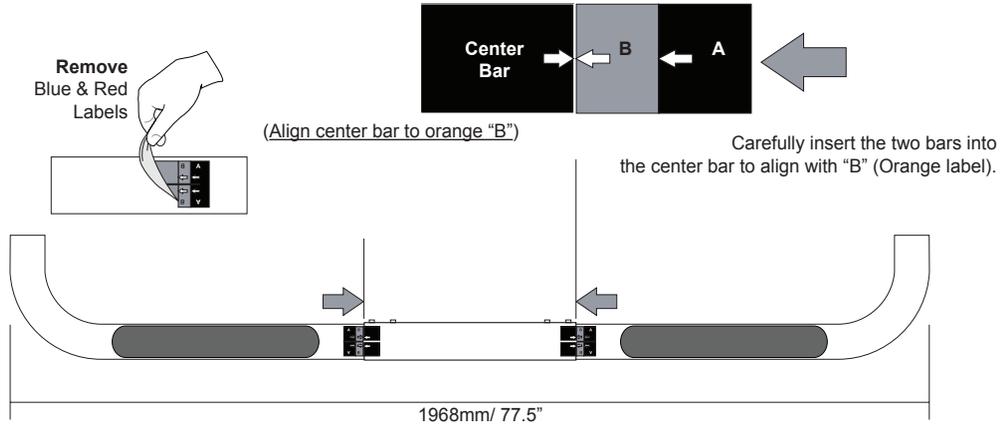
BAR LENGTH SETTINGS

Application (B)

Alignment labels for determining the right bar length for your application:

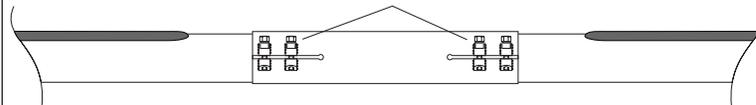
Color Alignment Chart for "B"

Fig. B



Lightly tighten the two center bolts just enough to hold bar together until it is completely installed onto your vehicle. (This allows for small easy length adjustments that may be necessary during installation).

Fig. C



IMPORTANT:
After the completion of installation tighten all four bolts securely before using!





Installation Instruction

1. Before installing, review the instructions carefully, make sure you understand the concept of the installation. Use the illustrations and parts list to verify the parts needed for your specific application. **(Not all the parts listed are needed for every application).**

2. Locate your “truck body” mounting brackets (front & rear) underneath your rocker panel (See Fig. A).
Remove the original retaining bolts from the brackets. Keep the rubber bushings (with the washers if applicable) and your front bolts for reinstallation (See Fig. B).

3. Identify both of the XTR Front Mounting Brackets; “FMB-O” for driver side and “FMB-I” for passenger side (Fig. A).

4. Identify both of the XTR Rear Mounting Brackets; “RMB-O” for driver side and “RMB-I” for passenger side (Fig. A).

5. Use your original vehicle bolts to attach the XTR front mounting brackets along with the rubber bushings back onto your truck.
Hand tighten the bolts for now.

Mount the rear brackets adding a tall Spacer Puck (SP-58) (See Fig. A). ****Use the M-12 X 165 bolts for (00-05) models or the M-14 X 165 for (06 & up). ** Repeat on passenger side.****

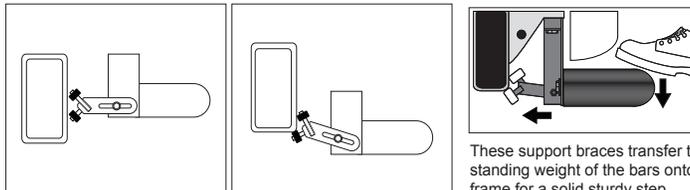
6. Attach your assembled step bars to the brackets using the fasteners shown according to (Fig. A). **(Make sure the bar is properly aligned and make all adjustments before tightening in the following steps). Hand tighten for now.**

7. Torque the assembled step bars onto the XTR mounting brackets securely (60 ft-lbs) to both driver and passenger side, then torque all four mounting brackets up onto your truck (65 ft-lbs).

8. Attach the 4 Support Braces (SB-100) to all four mounting brackets as shown in (Fig. C). Push the nylon rollers snug up against the truck frame and tighten (35 ft-lbs) **(See Fig. D below)** for details.

9. Finally tighten the 4 bolts on the two Center Bars (CB-100) securely before using.

Fig. D The position and distance of each truck frame vary according to application. It's only necessary to position the rollers “snug” up against the frame in any of the positions shown here before tightening (35 ft-lbs).



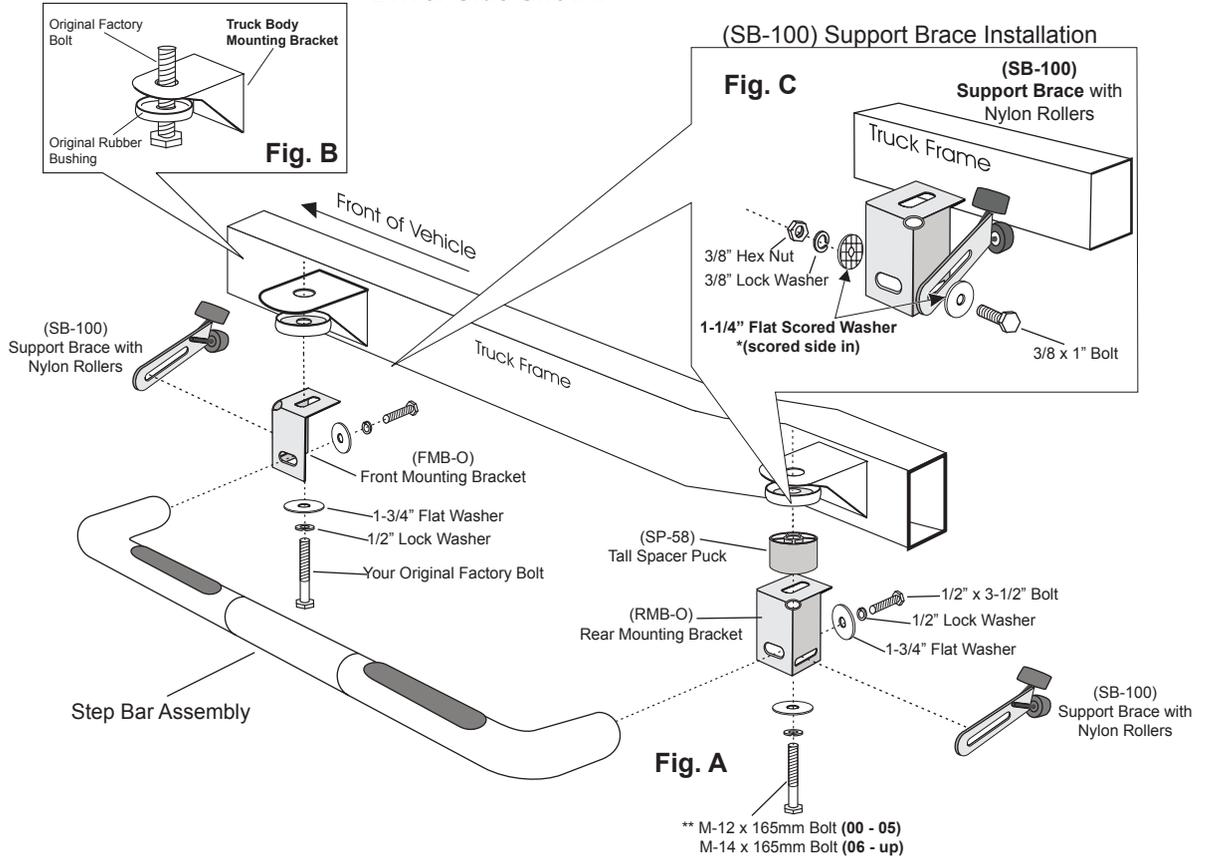
Positions for support brace (SB-100) with nylon rollers:

These support braces transfer the standing weight of the bars onto the frame for a solid sturdy step.





Driver Side Shown





Application (C)

for **GM** Models:

01-Up GM Silverado/ Sierra Crew Cab
1500/ 2500HD/ 3500 4 Door

00-Up GM Suburban/ Yukon XL 4 Door

00-Up GM Tahoe/ Yukon 4 Door



INSTALLATION INSTRUCTIONS

XTR Step Bar

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XTR Nerf Bar

Application (C)

for **GM** Models:

01-Up GM Silverado/ Sierra Crew Cab
1500/ 2500HD/ 3500 4 Door
00-Up GM Suburban/ Yukon XL 4 Door
00-Up GM Tahoe/ Yukon 4 Door

Parts List Not all parts listed here are needed for every application.

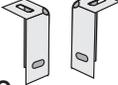
Main Bar Components		
Quantity	Details	Part No.
4	3"round bar with step pad	NB100
2	Center bar clamp	CB100
Mounting Hardware & Brackets		
1	Rear mounting bracket - out	RMB-O
1	Rear mounting bracket - in	RMB-I
1	Front mounting bracket - in	FMB-I
1	Front mounting bracket - out	FMB-O
6	Spacer pucks 2.3"(58.5mm)	SP-58
2	Spacer pucks 1.64"(41.7mm)	SP-41
4	Support brace with nylon rollers	SB-100
Fasteners		
4	M12 x 165mm Bolt 	 
2	M14 x 165mm Bolt 	 
4	0.5" x 4.5" Bolt 	 
4	3/8" x 1" Bolt and Nut 	 
For Dodge Application Only		Black 4 
		Black 4 



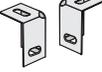
NB-100



CB-100



RMB-I



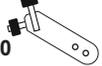
FMB-O



RMB-O



FMB-I



SP-41



SP-58

Tools Needed:
 Ratchet Wrench
 18, 19, 21mm Sockets
 7/8" Socket
 3/4" Socket
 9/16" Socket
 9/16" Open End Wrench
 Torque Wrench
 6mm Allen Wrench(included)

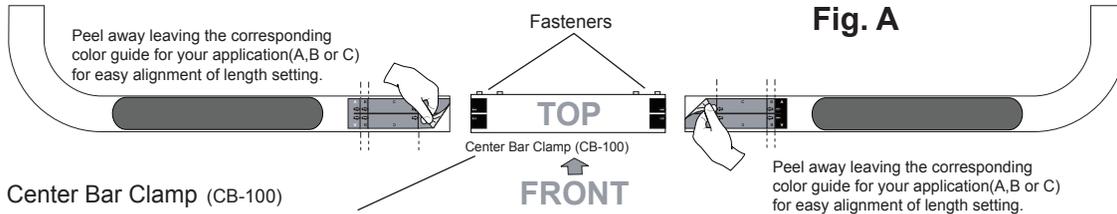




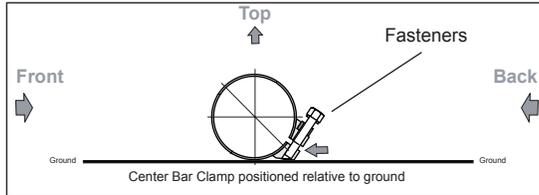
Start Here

BAR ASSEMBLY

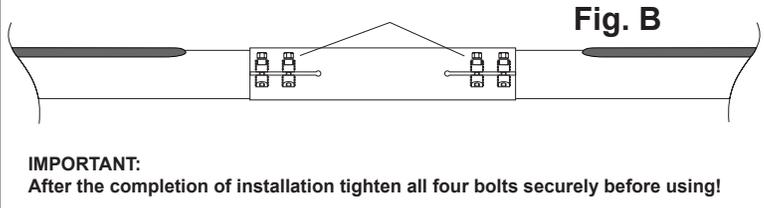
1. Place all of the bars on the ground & align as shown below (Fig. A).
2. Refer to the **Color Alignment Chart** on the next page for your particular application.
3. Peel off the color labels from the end (shown below) leaving behind the corresponding color label (A, B or C) as indicated for your particular application.
4. Carefully push the two bars into the center bar, butting the arrows up together with the corresponding color label for your application. Lightly tighten the two center bolts (Fig. B) just enough to hold the bar together for installing onto your vehicle.
5. Follow installation instructions for your particular application.
6. After completion of the installation onto your vehicle **tighten all four bolts on each of the center bar clamps securely!**



Side View Center Bar Clamp (CB-100)



Lightly tighten the two center bolts just enough to hold bar together until it is completely installed onto your vehicle. (This allows for small easy length adjustments that may be necessary during installation).

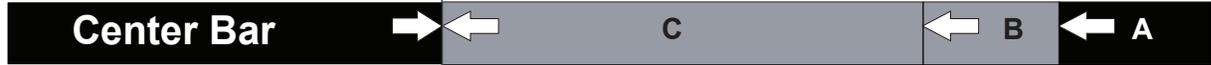




BAR LENGTH SETTINGS (select your application below for the proper length setting)

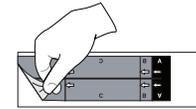
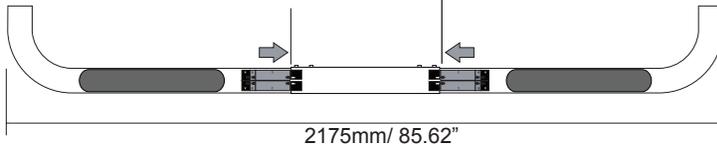
00-Up GM Suburban/Yukon XL 4 door
 01-Up GM Silverado/Sierra Crew Cab
 1500/ 2500HD / 3500 4 Door

Color Alignment Chart for "C"

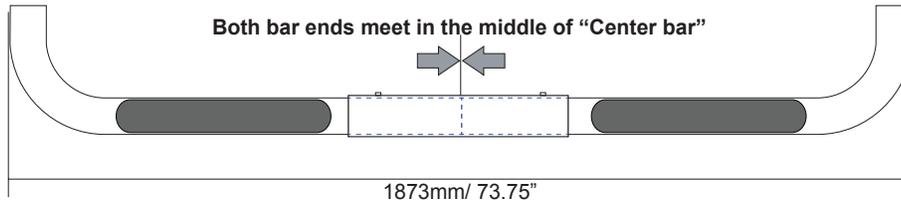


(Align center bar to red "C")

Remove
 Blue label and align with Red "C"



00-Up GM Tahoe/ Yukon 4 door



Remove color labels and push both bar ends all the way in together touching each other in the middle of the Center Bar.

← After setting the correct bar length for your specific application refer to (Fig. B) for temporary and final tightening.

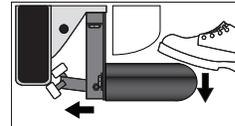
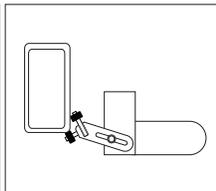
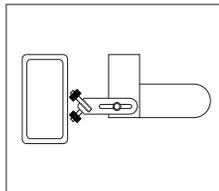




Installation Instruction

1. Before installing, review the instructions carefully, make sure you understand the concept of the installation. Use the illustrations and parts list to verify the parts needed for your specific application. **(Not all the parts listed are needed for every application).**
2. Locate your “truck body” mounting brackets (front & rear) underneath your rocker panel (See Fig. A).
Remove the original retaining bolts from the brackets and keep these bolts and rubber bushings (with the washers if applicable) for reinstallation (See Fig. B).
3. Identify both of the XTR Front Mounting Brackets; “FMB-I” for driver side and “FMB-O” for passenger side (Fig. A).
4. Identify both of the XTR Rear Mounting Brackets; “RMB-I” for driver side and “RMB-O” for passenger side (Fig. A).
5. Use your original bolts (previously removed) to attach these front mounting brackets and the rubber bushings back onto your truck.
Hand tighten these bolts for now. Do the same for the rear (See Fig. A). ****Repeat on passenger side. ****
6. Attach your assembled step bars to the brackets using the fasteners shown according to (Fig. A). **(Make sure the bar is properly aligned and make all adjustments before tightening in the following steps). Hand tighten for now.**
7. Torque the step bars securely onto the XTR mounting brackets (60 ft-lbs) on both driver and passenger side, then torque all four mounting brackets up onto the truck (65 ft-lbs).
8. Attach the 4 Support Braces (SB-100) to all four mounting brackets as shown in (Fig. C). Push the nylon rollers snug up against the truck frame and tighten (35 ft-lbs) **(See Fig. D below)** for details. ****00-Up GM Suburban/Yukon - install the (FRONT) only.****
9. Finally tighten the 4 bolts on the two Center Bars (CB-100) securely before using.

Fig. D The position and distance of each truck frame vary according to application. It's only necessary to position the rollers “snug” up against the frame in any of the positions shown here before tightening (35 ft-lbs).



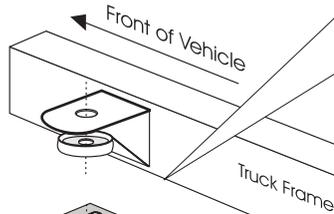
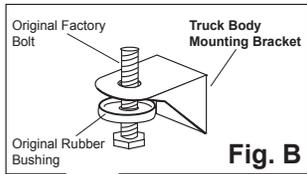
These support braces transfer the standing weight of the bars onto the frame for a solid sturdy step.

Positions for support brace (SB-100) with Nylon rollers:





Driver Side Shown



(SB-100) Support Brace Installation
****00-Up GM Suburban/Yukon**
 install the (FRONT) only**

