



PIT-PAL PRODUCTS

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Shop 24 hrs. daily on line www.pitpal.com

THANK YOU FOR CHOOSING PIT PAL PRODUCTS!

YOUR PURCHASE IS GREATLY APPRECIATED!

Please continue to choose Pit Pals for all your organizational needs in the trailer, shop or at the track!

This unit, Part #294, represents state-of-the-art design in adjustable tire racks for your trailer, shop or garage. Simply follow the enclosed instructions to assemble and install it on your trailer wall! Using components and fasteners provided, assemble carefully and mount on trailer, shop or garage wall, using 5/16" bolts, not provided. Design allows for mounting on 16" centers, to align with vertical studs in trailer wall. This design also allows you to add on to the rack, either to the right or to the left, by purchasing the Tire Rack Extension Kit, Part #295. See assembly instructions, over.

If you have any questions please feel free to call our tech department at 847-872-7257.

(PAT. PENDING)

Fig. 1

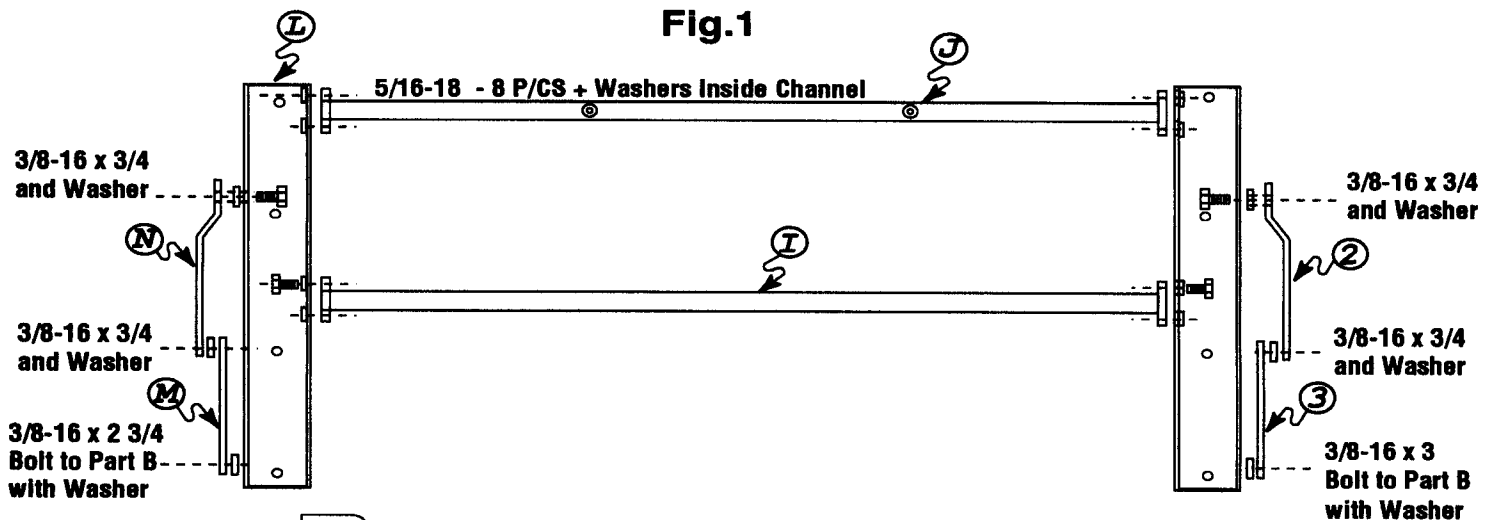
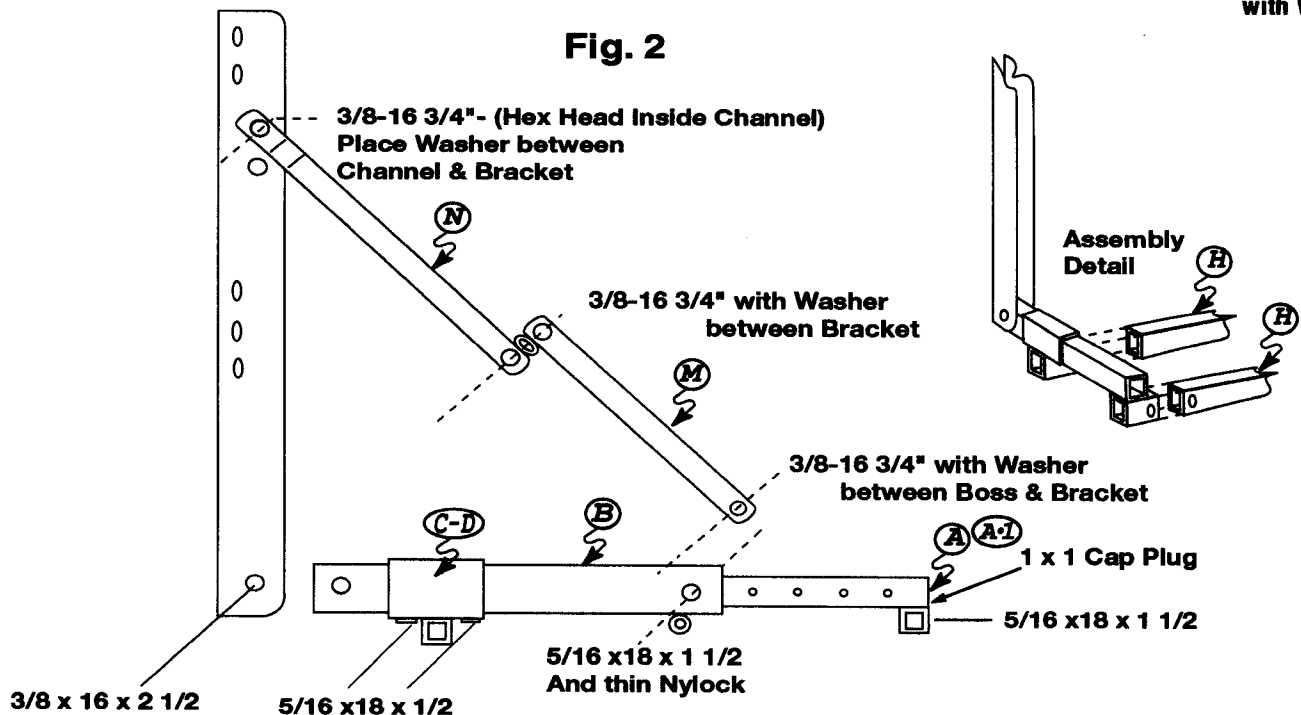


Fig. 2



(over)

ASSEMBLY INSTRUCTIONS

- Lay out all pieces of your tire rack to make sure all pieces are correct. Separate all hardware.
1. On a bench, lay out Part L. (channels). Note: There is a top and bottom. The top part has four oblong holes on sides.
 2. Bolt Parts I and J between channels using the oblong holes. Part J, with the mounting holes, is the top and Part I forms the tire bumper. Use eight 5/16-18 x 3/4" bolts with hex head and washer on the inside of the channel and nuts outside. (See Diagram 1)
 3. Assemble Parts A - B - D* Slide D over B. Place two 5/16- 18 x 1/2" bolts in D* but do not tighten. Let this part float. Then slide Part A into Part B. Adjust to setting that fits your tire. Use a 5/16- 18 x 1 1/2" bolt with a 5/16" THIN Nylock NUT. Be sure cross tees are both installed in the same direction. (See diagram 2)
*Substitute Part"C" for Part"D" when assembling Extension
 4. With frame laying flat and channels up, place support assembly inside channel. With Section B at the bottom and cross tees up, bolt together with two 3/8- 16 x 2 1/2" bolts with Nylock nuts.
Caution: Do not over-tighten and crush channel.
 5. Take Part H tire support tube and slide into cross tees on both ends. Fasten with four 5/16-18 x 1 1/2" hex bolts and Nylock nuts.
 6. Finally, assemble scissors support brackets. Part M will have an offset bend which will be bolted to the channel, utilizing the 3/8" diam. hole from the top. Put hex head of bolt inside channel with a washer between channel and bracket.
 7. Bolt Parts N and M together using 3/8-16 x 3/4" bolt with a 3/8" washer between both.
 8. Bolt Part N to Boss on Support Tube B using a 3/8- 16 x 3" bolt & Nylock. Place a 3/8" washer between Boss and bracket. CAUTION: Do not tighten scissor support hardware too snug or tire rack will not flip up freely.
 9. Tire rack is now ready to mount to your trailer wall . Determine the best position by locating the wall studs. This tire rack is designed to mount securely on 16" center studs in eight places, using 5/16" bolts, not included.
 10. To flip up and secure in "up" position, place pin through Support Tube A and first hole in channel top.

PIT PAL PRODUCTS 03 / 28 / 2003 ADJUSTABLE TIRE RACK MATERIAL

PART	DESCRIPTION	QTY PER RACK	MATERIAL	LENGTH
(A)	Adjustable Support Tube	2	1 x 1 1/4 Ga. Wall	18.000"
(A-1)	Adj. Support Tube-Extension	2	1 1/4 x 1 1/4 Ga./109 Wall	17.000"
(B)	Support Tube	2	1 1/2 x 1 1/4 12 Ga.	4.000"
(C)	T Tube Sleeve-Extension	2	1 x 1 1/4 Ga.	47.3/4"
(D)	T Tube Sleeve	1	1/2 x 1 1/2 16 Ga. Rect.	45.11/16"
(H)	Tire Support Tubes	1	1/2 x 1 1/2 16 Ga. Rect.	45.11/16"
(I)	Wall Cross Tube-Tire Bumper	2	.114 HRS Sheet	28"
(J)	Wall Cross Tube-Drilled	2	1 x 1/8 Bar/Flat	12 7/16"
(L)	Wall Channel	2	1 x 1/8 Bar/Formed	16 1/16"
(M)	Hinge Support - Botton			
(N)	Hinge Support - Top			

ADJUSTABLE TIRE RACK* HARDWARE LIST:

Note: Only 1/2 of the hardware listed here is needed when assembling Extensions

BOLTS:

5/16- 18 X 1/2"	QTY	4
5/16- 18 X 3/4"	QTY	8
5/16- 18 X 1 1/2"	QTY	6

3/8- 16 X 3/4"	QTY	4
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3/8- 16 X 2 1/2"	QTY	2
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3/8- 16 X 3"	QTY	2
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NUTS:

5/16- 18 Nylon Lock Nuts	QTY	12
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5/16- 18 Nylon Lock Nuts (Thin)	QTY	2
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3/8- 16 Nylon Lock Nuts	QTY	8
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WASHERS:

5/16"	QTY	8
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3/8"	QTY	6
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PLASTIC PLUGS:

1 X 1 Tube .07	QTY	2
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2 1/4" Snap Pins	QTY	2
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*PATENT PENDING