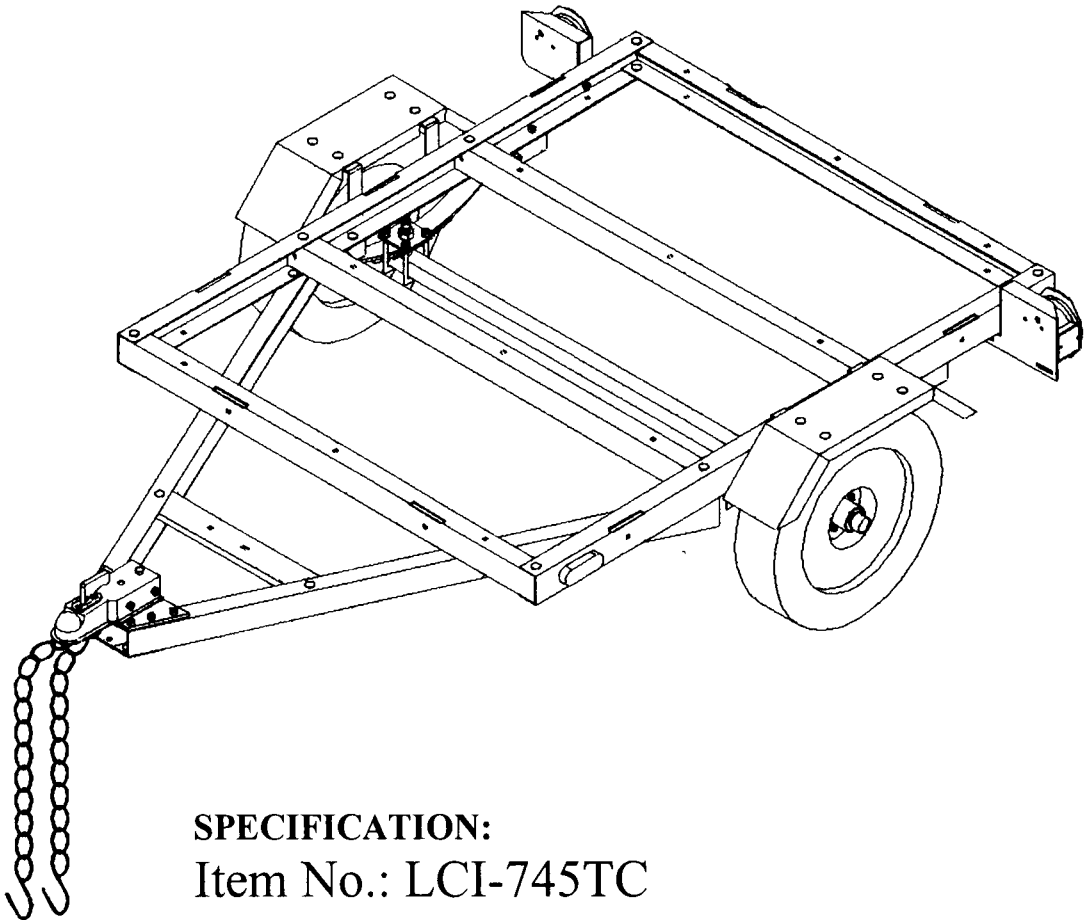


OWNER'S INSTRUCTION DIY TRAILER KIT



SPECIFICATION:

Item No.: LCI-745TC

Bed frame: 50" x 62"

Overall length: 101"

Pay load capacity: 1,800 lbs

Tire: 5.30-12 (C) tubeless, 6 PR

Wheel: 5 bolt

Coupler: class II , fit for 2" ball

GAWR: 2,090 LBS

GVWR: 2,090 LBS

LCI-745TC TRAILER PARTS LIST

PARTS			HARDWARE		
NO.	Q'TY	DESCRIPTION	NO.	Q'TY	DESCRIPTION
1L	1	Left side rail	A	60	3/8" x 7/8" Carriage bolt
1R	1	Right side rail	B	71	3/8" Nylon nut
2	1	Front cross member	C	69	3/8" Flat washer
3	1	Rear cross member	E	2	9/16" Nylon nut
4	2	Center cross member	H	5	1/2" x 1" Bolt
7	2	Connecting rail	I	1	3/8" x 1-1/2" Carriage bolt
8	1	Coupler base	J	4	4 mm Self tapping screw
9	1	"T" plate	K	1	Safety pin
10	1	Safety chain	L	1	2 mm "R" pin
11	1	Spare tire bar	M	2	9/16" x 3-1/4" Bolt
12	1	2" x 2-1/2" Coupler	N	2	3/8" x 3" Bolt
13	2	Fender	O	2	3/4" Flat washer
14	4	Fender brace	P	2	5/32" Cotter pin
15F	2	Front spring hanger	Q	2	Castle nut
15R	2	Rear spring hanger	R	2	Grease fitting
16	2	Spring plate	S	10	Wheel nut
17	4	"U" bolt	T	1	1/4" Self tapping screw
18	2	Slipper spring	U	5	1/2" Nylon nut
19	1	Axle			
20	2	Hub			
21	2	Outer bearing			
22	2	Dust cap			
23	2	Tire & Wheel assembly			
24L	1	Left tail light bracket			
24R	1	Right tail light bracket			
25L	1	Left tail light			
25R	1	Right tail light			
26	2	Side running light			

Read the instruction carefully and follow them step-by-step for easy assembly. You'll find a complete parts list on the previous page. Average assembly time is approximately 4 hours. You'll need the following tools to assemble your Trailer Kit.

TOOLS NEEDED:

7/8" socket or lug wrench

9/16" box end wrench

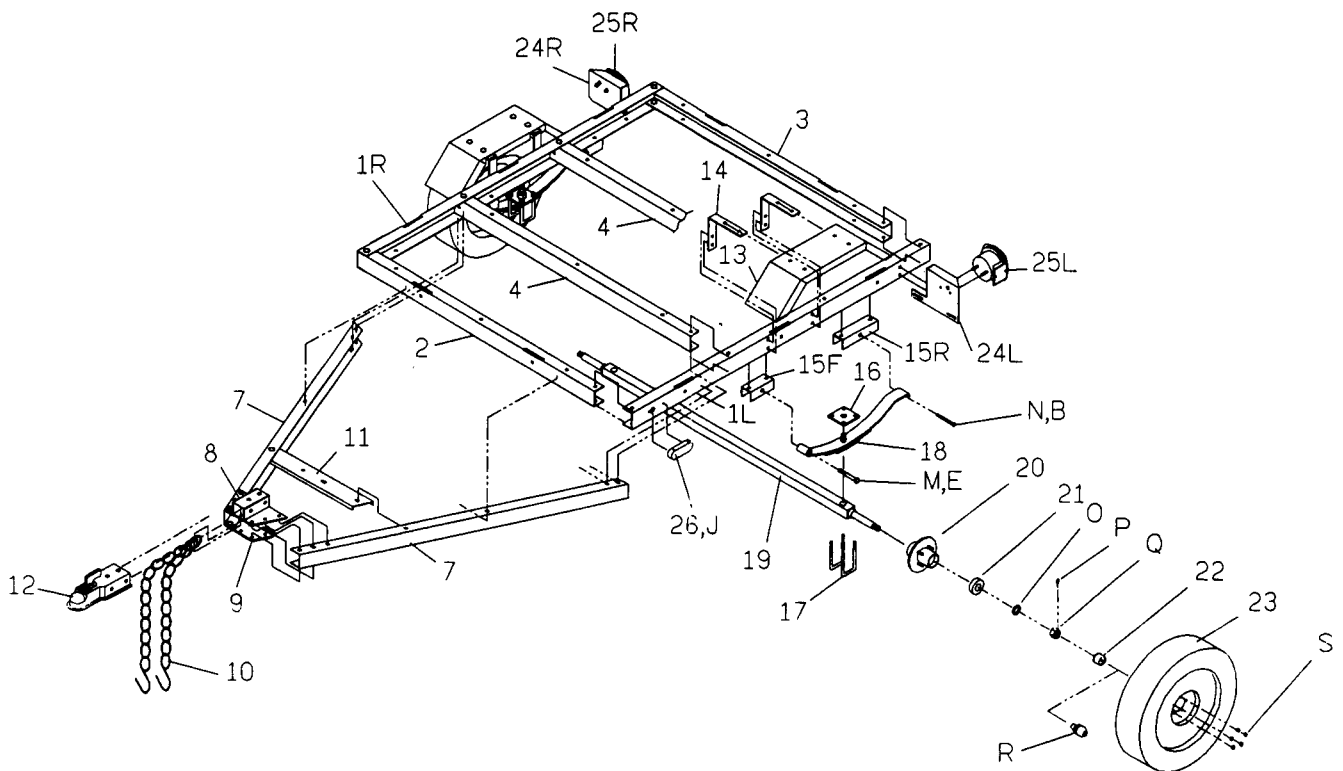
9/16" open end wrench

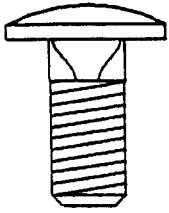
Plier

Screwdriver

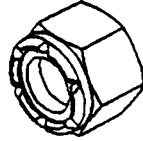
NOTE:

1. In assembling trailer parts, they are identified by standing at rear of Trailer and looking toward tongue.
2. Do not fully tighten bolts & nuts until the Trailer frames are completely assembled.
3. Periodically check all bolts and nuts for tightness, tighten as necessary.

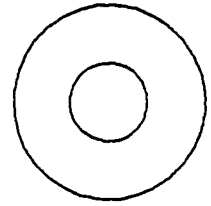




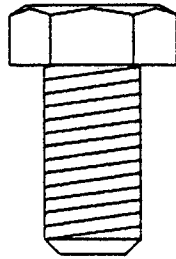
A: 3/8" x 7/8" Carriage Bolt



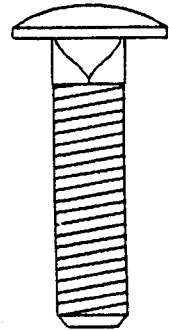
B: 3/8" Nylon Nut



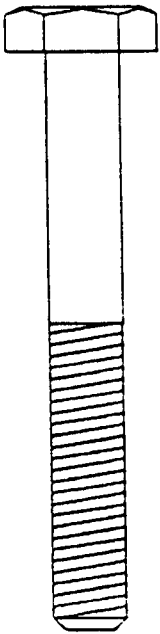
C: 3/8" Flat Washer



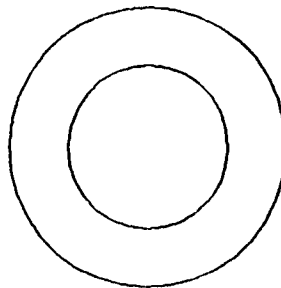
H: 1/2" x 1" Bolt



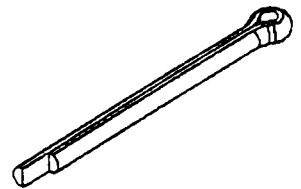
I: 3/8" x 1-1/2" Carriage Bolt



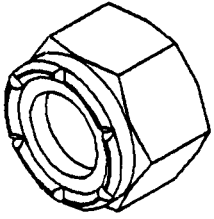
N: 3/8" x 3" Bolt



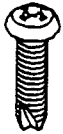
O: 3/4" Flat Washer



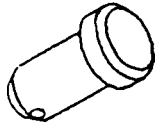
P: 5/32" Cotter Pin



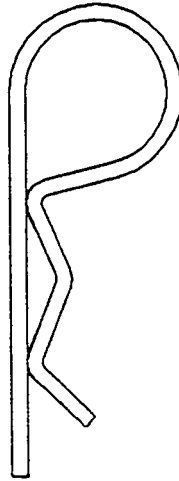
E: 9/16" Nylon Nut



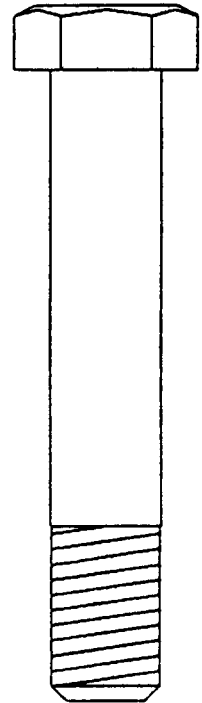
J: 4 mm Self Tapping Screw



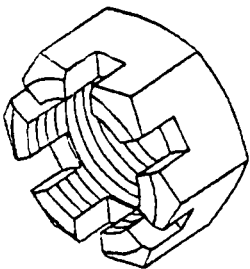
K: Safety Pin



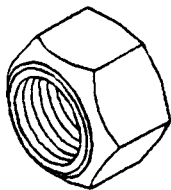
L: 2 mm "R" pin



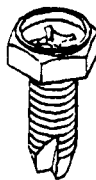
M: 9/16" x 3-1/4" Bolt



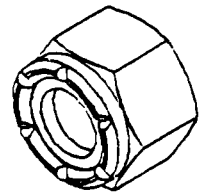
Q: Castle Nut



S: Wheel Nut



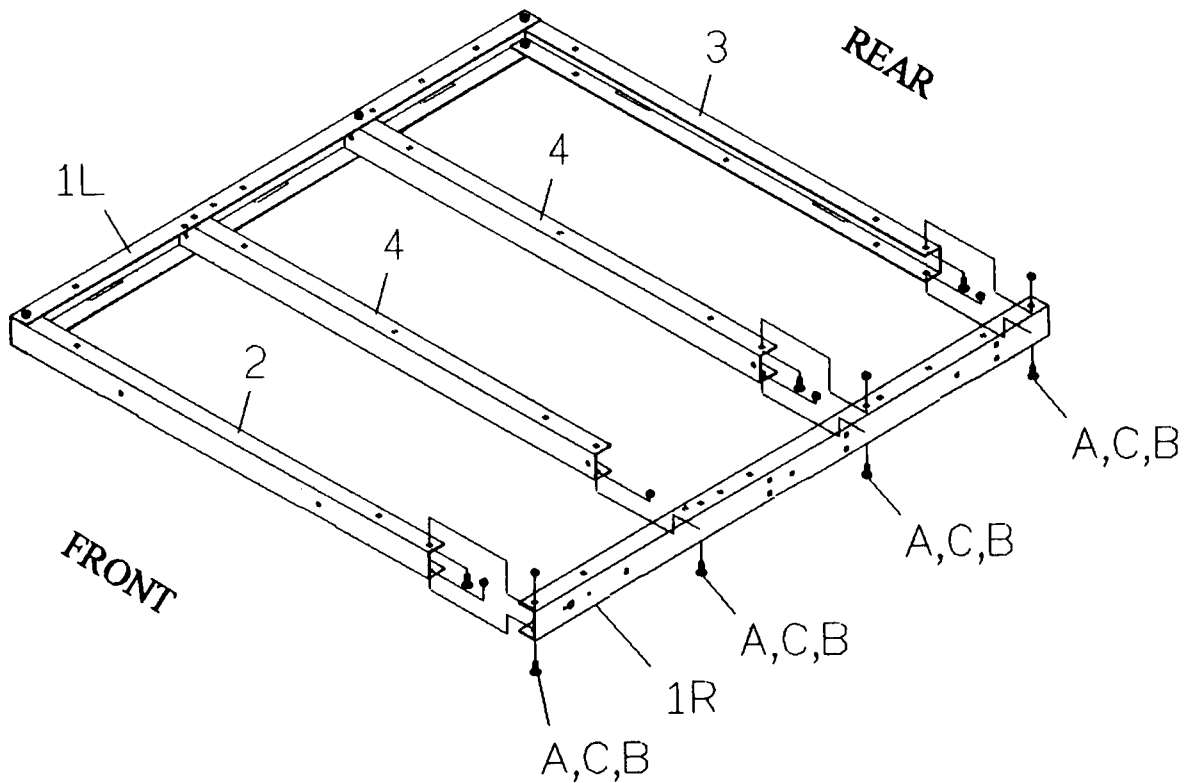
T: 1/4" Self Tapping Screw



U: 1/2" Nylon Nut

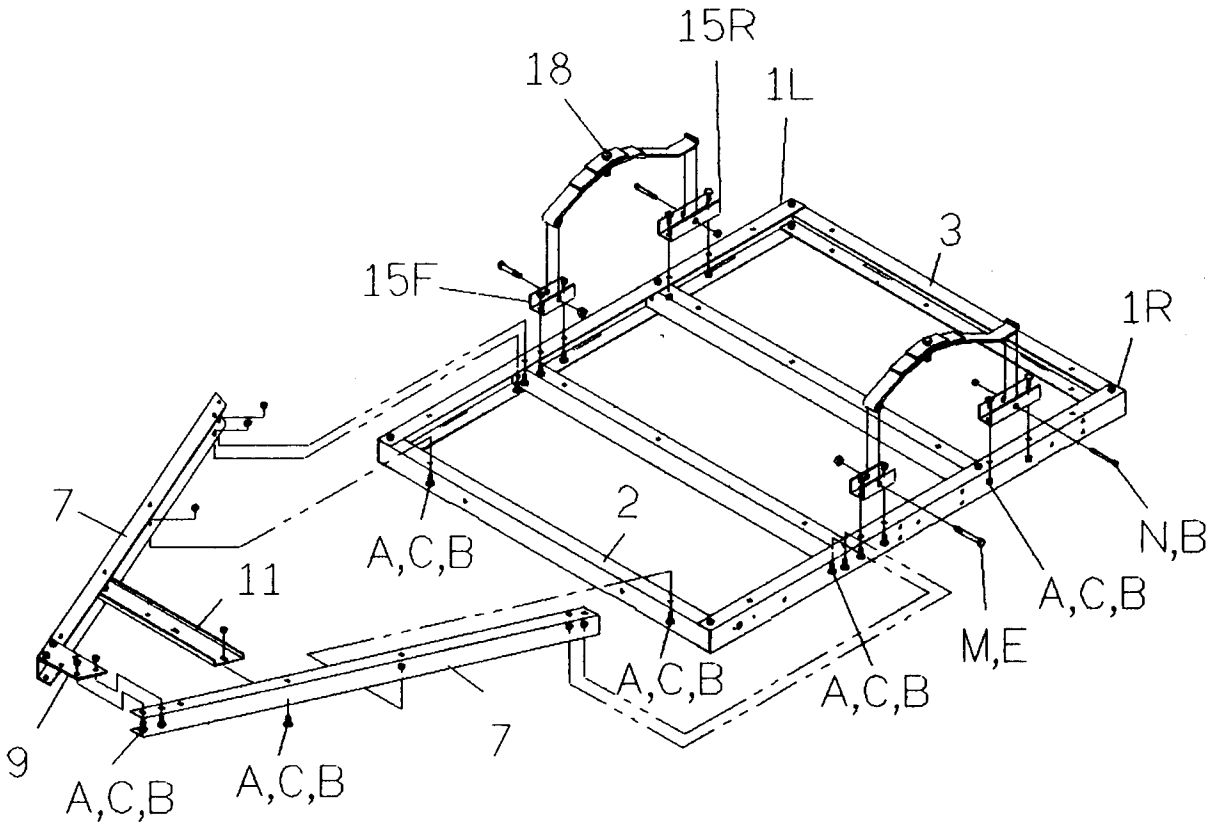
STEP 1

1. The Trailer's assembly from Step one to Step three are upside down.
2. Lay out right & left side rails (1R,1L), front, rear and center cross members (2,3,4), as shown.
3. Assemble side rails & cross members (1R,1L,2,3,4), by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B), as shown in diagram.



STEP 2

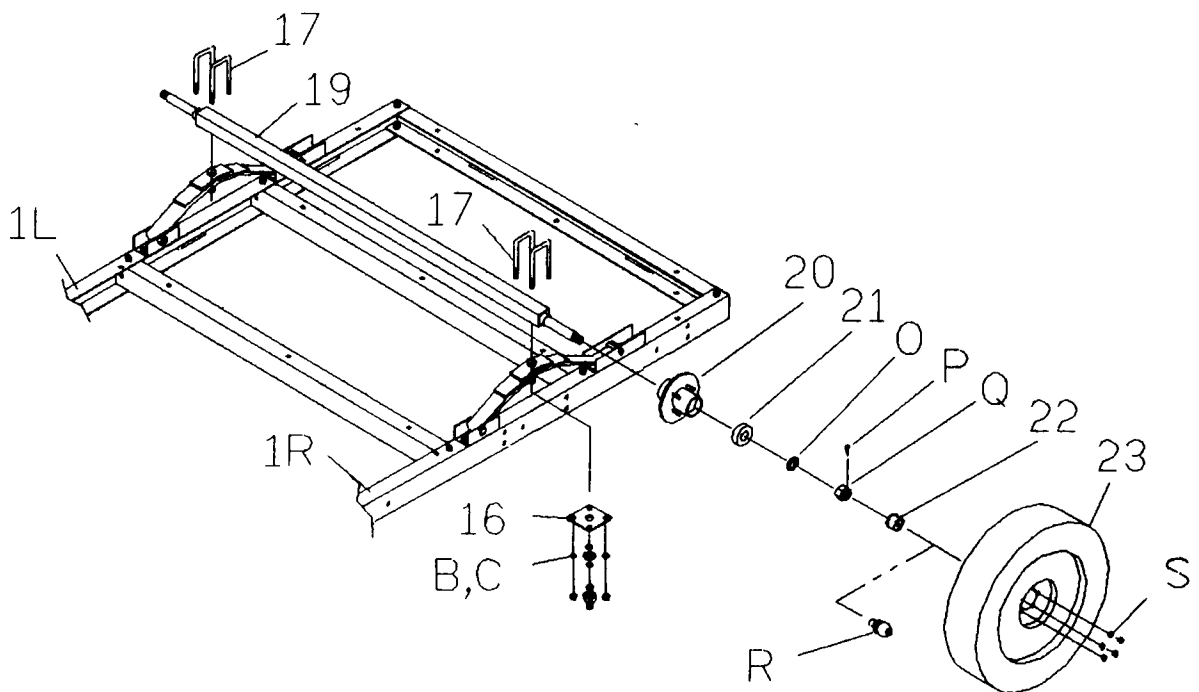
1. Attach connecting rails (7) to side rails (1R,1L) and front cross member (2) by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B).
2. Attach "T" plate (9) and spare tire bar (11) to connecting rails (7) by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B).
3. Bolt front (small) (15F) and rear (large) spring hangers (15R) to side rails by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B).
4. Put slipper springs (18) on front and rear spring hangers (15F,15R) with spring eyes forward, secure with 9/16" x 3-1/4" bolts (M) & 9/16" nylon nut (E) (FRONT), and 3/8" x 3" bolts (N) & 3/8" nylon nuts (B) (REAR), as shown in diagram. (DO NOT OVERTIGHT)



STEP 3

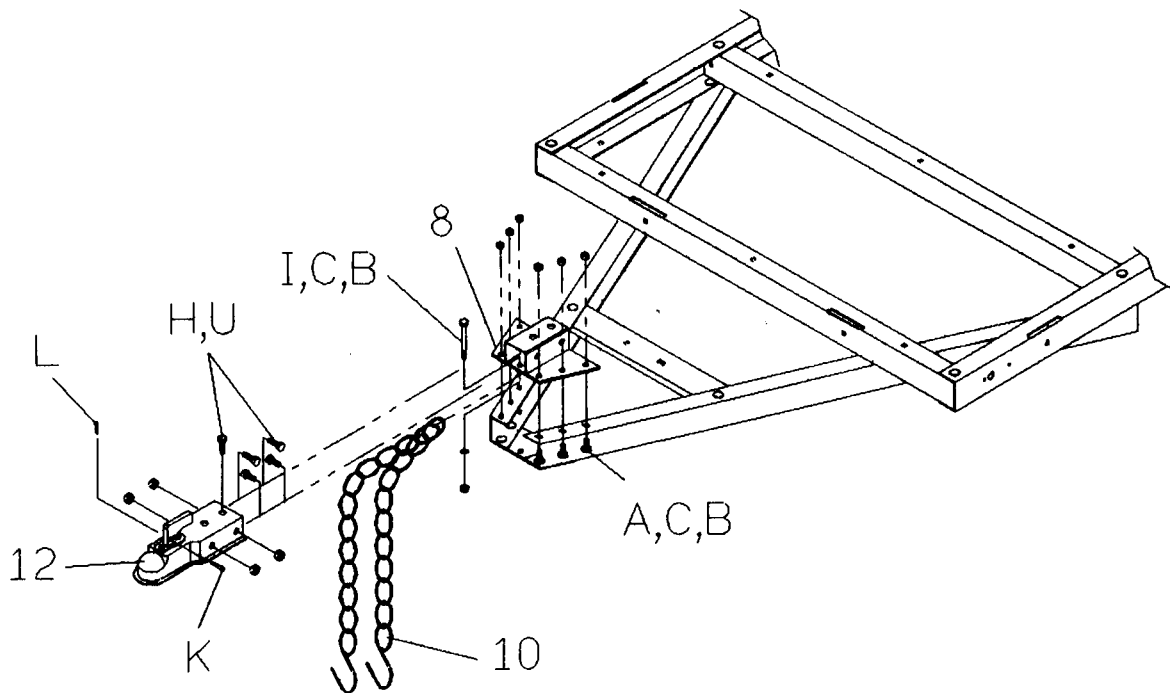
1. Place axle (19) on top of slipper springs (18), the bolt head of slipper springs insert to both hole on axle.
2. Put spring plates (16) under slipper spring, using 3/8" "U" bolt (17) pass through axle (19), slipper springs (18) and spring plates (16), then lock with 3/8" flat washers (C) and 3/8" nylon nuts (B).
3. Install hubs (20) on spindles by sliding hub (wheel studs pointed outward) over spindle. Slide outer bearing (21) onto spindle and into bearing cup in hub. Secure hubs by using 3/4" flat washers (O) and castle nuts (Q), tighten them snugly.
4. NOTE: Back off castle nut slightly a litter bit so that hub can spin freely!
5. Insert 5/32" cotter pin (P) through the hole in spindle and bend pin over to lock. Gently tap dust cap (22) over hub opening until flange on cap seats on hub surface. Fix grease fitting(R) on dust cap(22).
6. Put tire/wheel assembly (23) on hub set (20), then lock with ten wheel nuts (S) tighten with socket or lug wrench to 90 FT-LBS (VERY TIGHT).

CAUTION: Periodically grease the seal on the backside of each Wheel Hub.



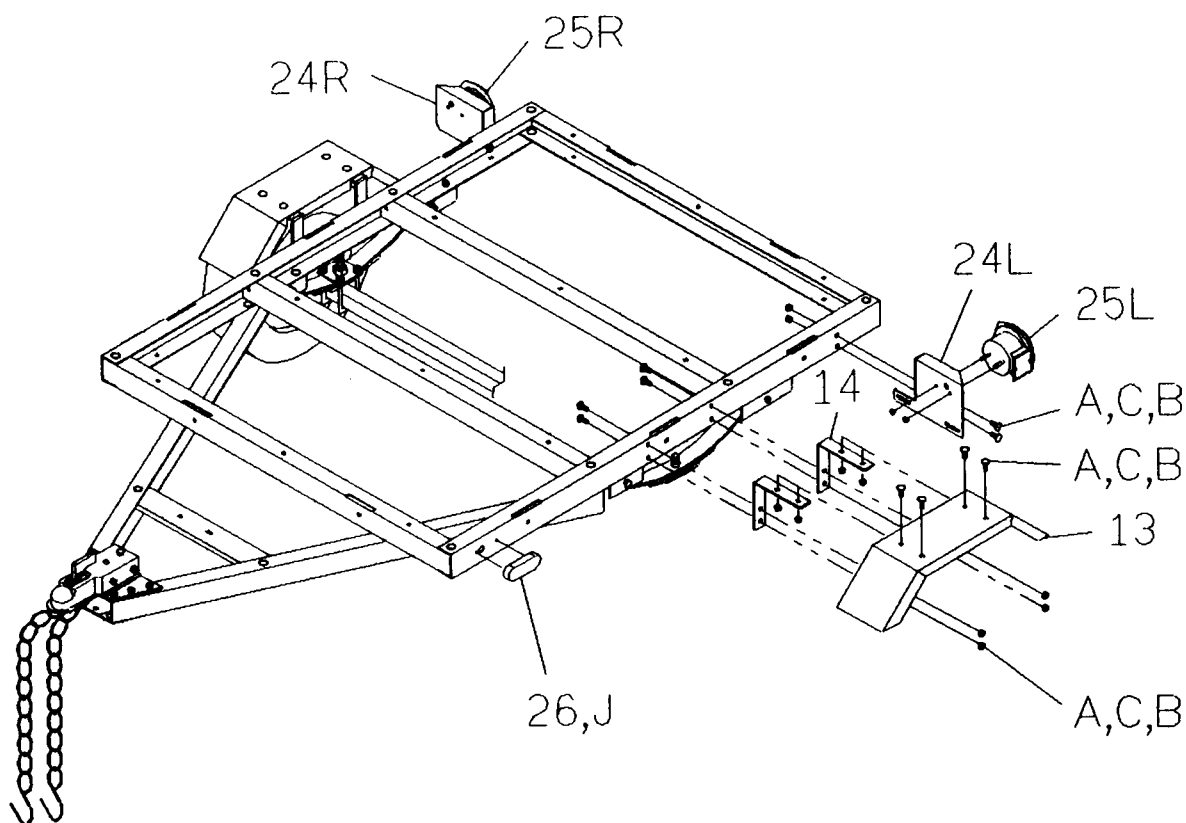
STEP 4

1. Turn over the trailer assembly to make tires touch ground.
2. Attach safety chain (10) to coupler base (8) as shown, using 3/8" x 1-1/2" carriage bolt (I) by go through the center link of the chain, lock with 3/8" flat washer (C) and 3/8" nut (B).
3. Attach coupler base (8) to connecting rails (7) by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B).
4. Bolt coupler (12) to coupler base (8)(beginning 4 side bolt then top bolt) by using 1/2" x 1" bolts (H) and 1/2" nylon nuts (U), then lock coupler trigger by using safety pin (K), put 2 mm "R" pin (L) through the hole of safety pin to fix it.



STEP 5

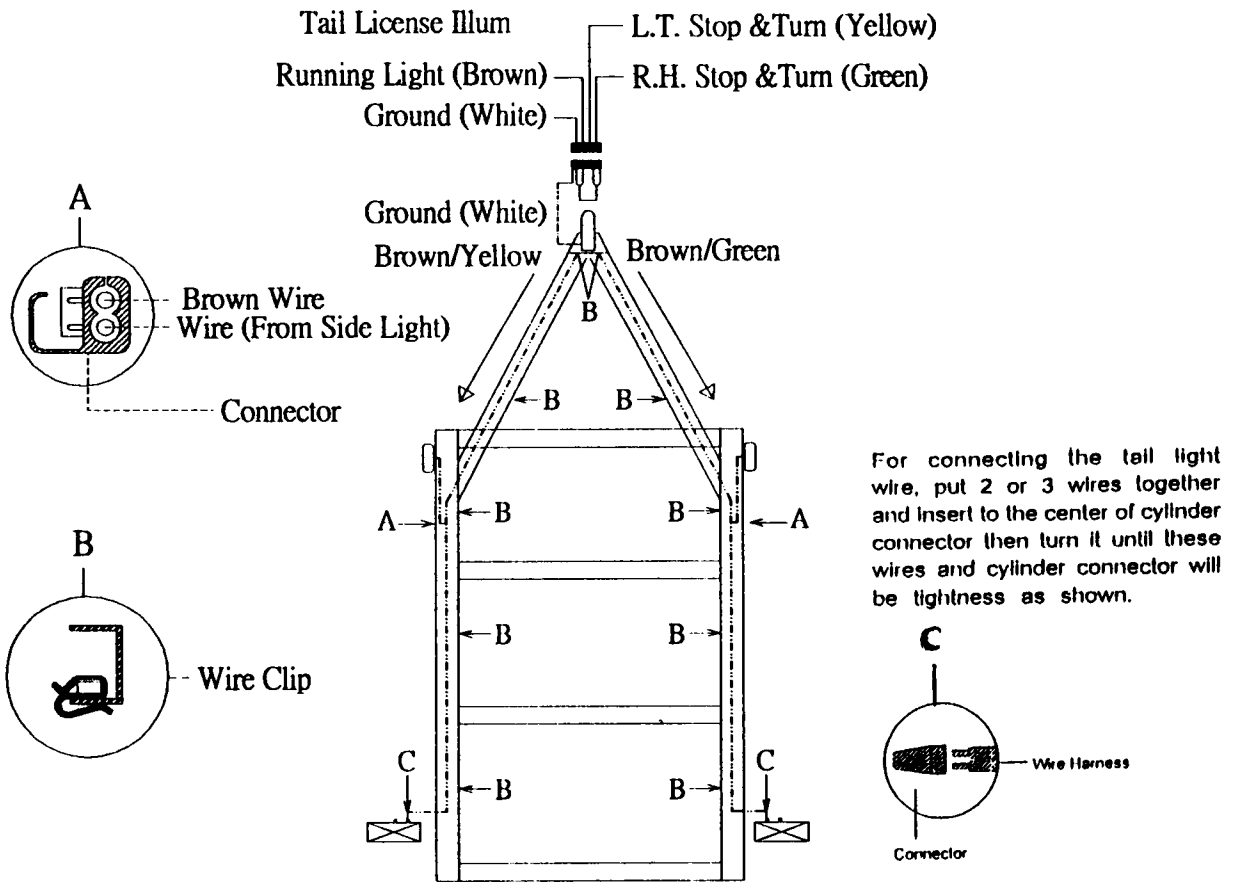
1. Assemble fender braces (14) to side rails by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B), then fix fenders (13) to fender braces (14) by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B).
2. Assemble right & left tail light brackets (24R,24L) to side rail by using 3/8" x 7/8" carriage bolts (A), 3/8" flat washers (C) and 3/8" nylon nuts (B). Install right & left tail lights (25R,25L) to the bracket using light's nuts.
3. Open the lens of side running lights (26) secure it to side rails using 4mm self tapping screw (J).



TRAILER LIGHT KIT

WIRING DIAGRAM AND INSTRUCTION

Check alignment of all parts and install the 4-wire vehicle connector in trunk area of your car. Locate the connector plug near the hitch ball and lay out wire. Connect the white ground wire to coupler base of trailer, connect the brown wire to the tail light by stripping, wrapping and taping connector, similarly connect the yellow wire to the left signal & stop light wire, and the green to the right signal & stop light wire. Some foreign vehicles may require an adaptor to convert their 5 wire's system to wire vehicle connector.



1. Attach white ground wire at plug end of wiring harness to the small hole in coupler base with safety tapping screw.
2. Leave about 18" of wire beyond the coupler and lay out wire on the inside of connecting rail and side rail as shown. Push on the wire clips.
3. Connect the wire lead from the running light to the brown wire on each side with the wire connector. Use pliers to squeeze the connector closed. Push on wire clips to hold wires down the rail of the trailer.
4. Cut yellow/brown and green/brown wires to appropriate lengths and strip ends of wires 3/4".
5. Make taillight connections as per color code:

LEFT SIDE

Trailer Wire	Tail Light
Yellow	Red wire
Brown	Two black wires

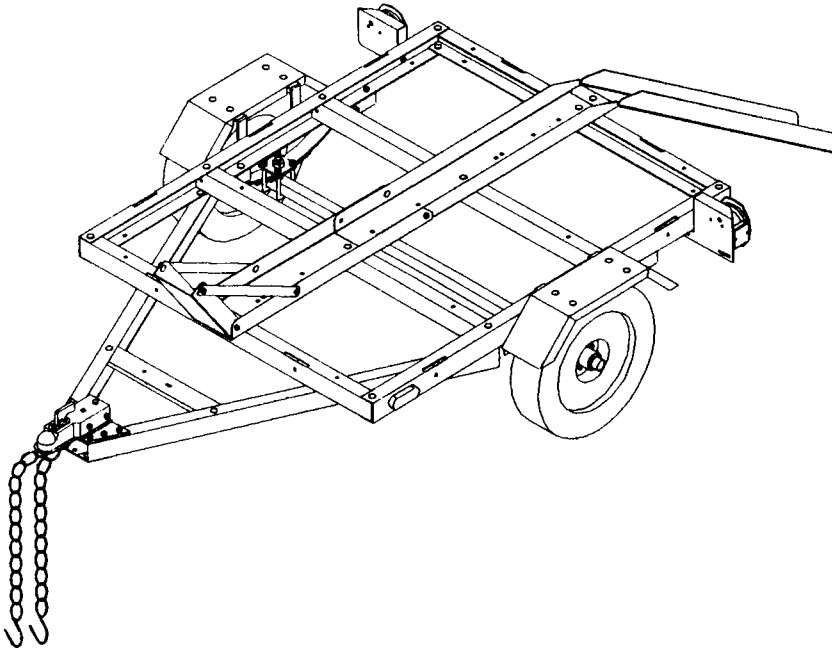
RIGHT SIDE

Trailer Wire	Tail Light
Green	Red wire
Brown	Two black wires

Available Accessories

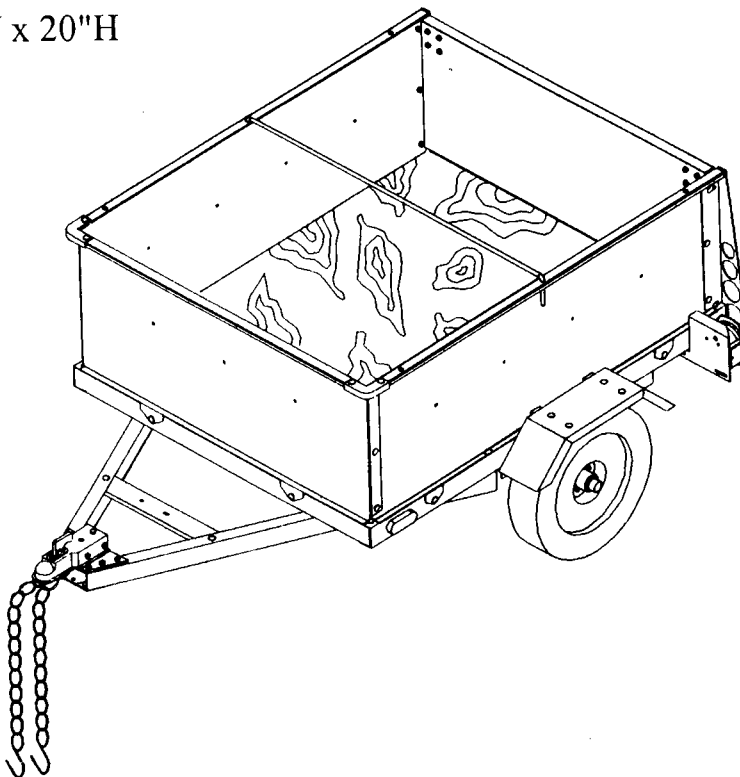
Motorcycle Rail Kit (Not Included)

- 75"L x 6-1/2"W x 2-3/8"H



Box Kit (Not Included)

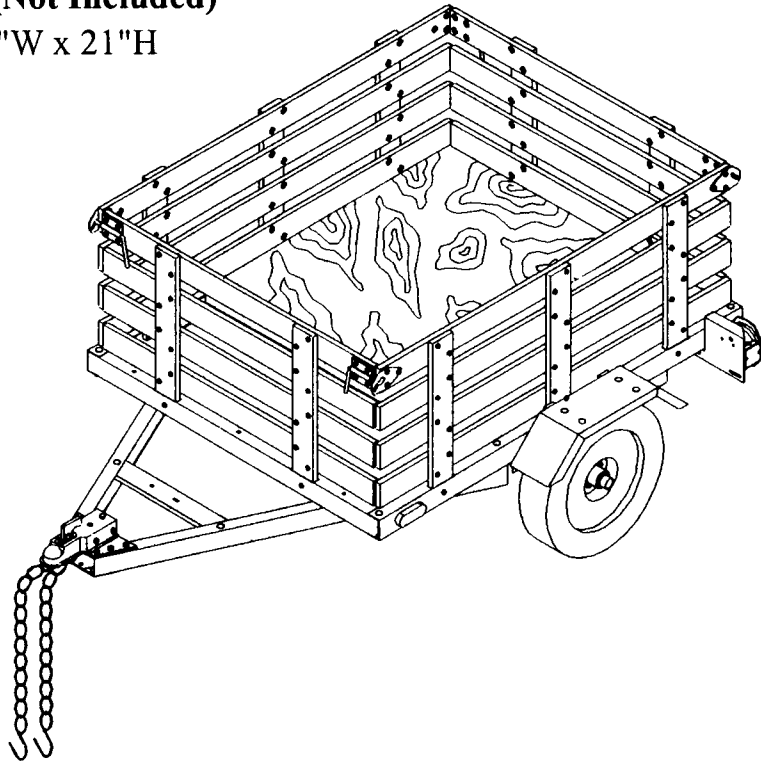
- 60"L x 48"W x 20"H



Available Accessories

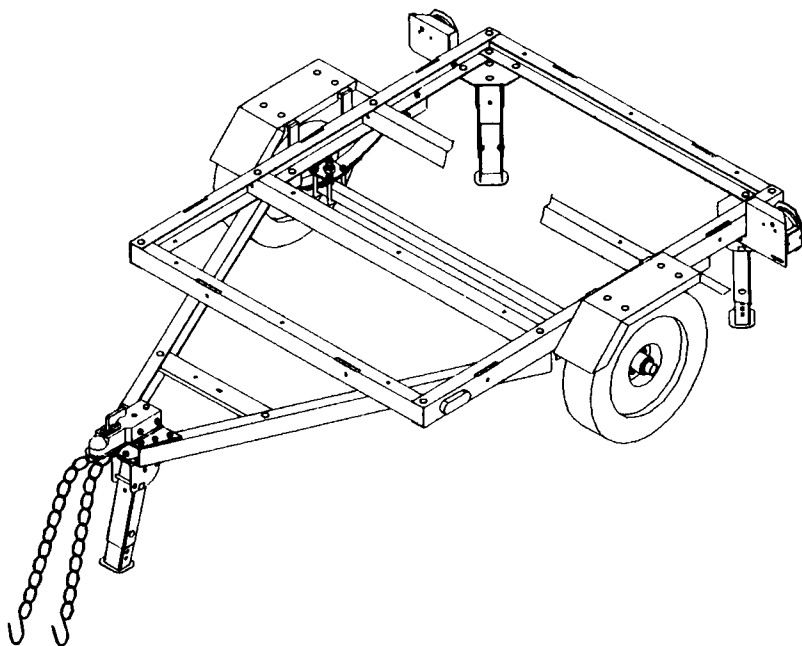
Steel Stake Side Kit (Not Included)

- 58-1/2"L x 46-1/2"W x 21"H



Front Trailer Stand (Not Included)

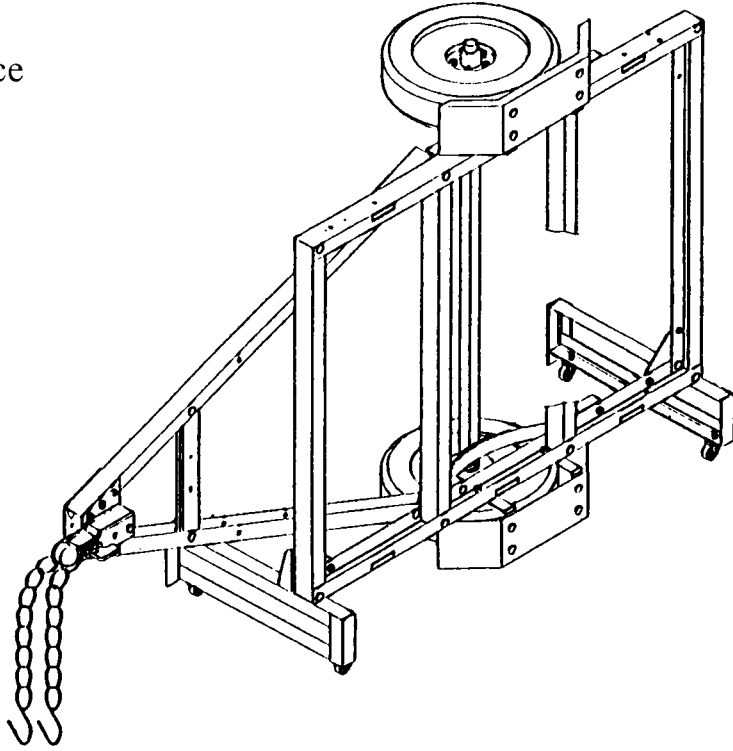
Rear Stabilizer Jack (Not Included)



Available Accessories

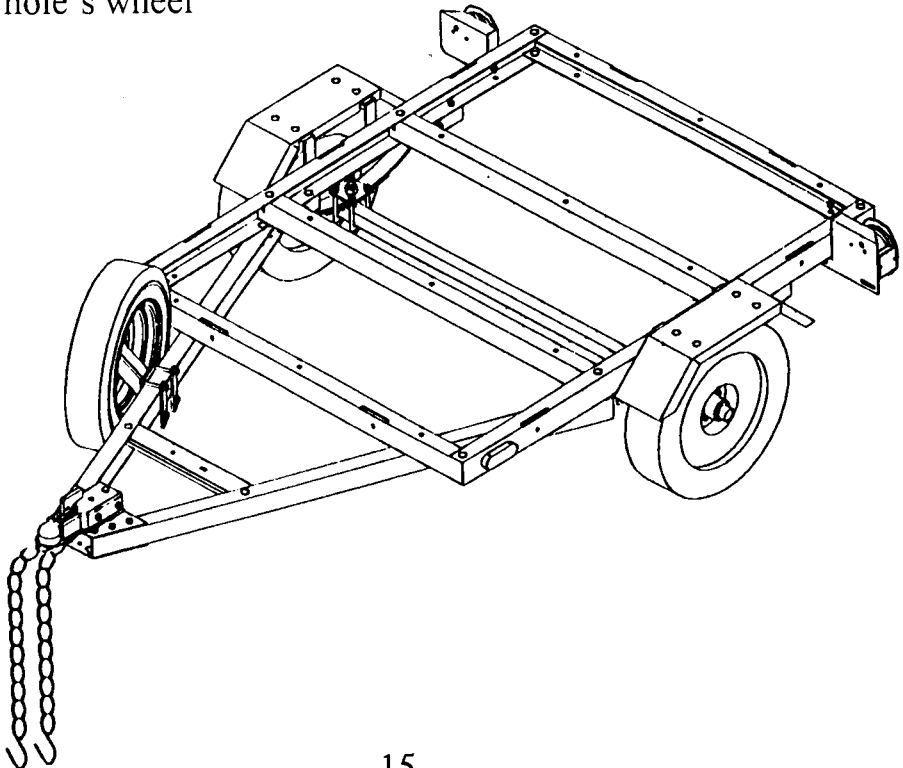
Removable Bracket (Not Included)

- With caster
- Save storage space



Spare Tire Carrier (Not Included)

- Fit for 4 and 5 hole's wheel

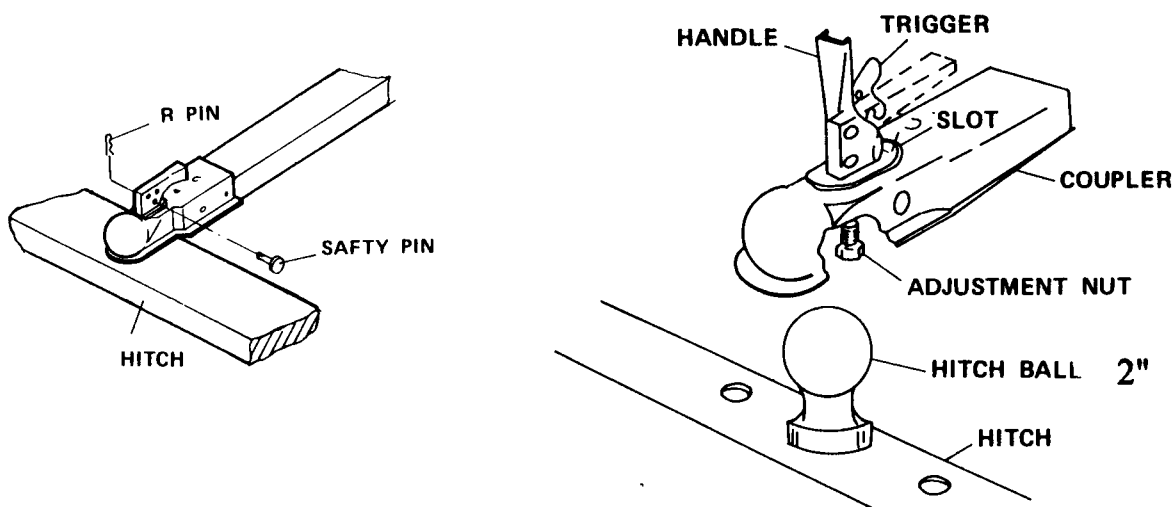


SPECIAL NOTICE FOR COUPLER

Only use a 2" ball hitch on your towing vehicle. Pull trigger and lift handle. Place coupler over trailer hitch ball and push down on handle until trigger locks in slot.

Pull up and down on the coupler to insure the ball is fitting snugly in the coupler. There should be no play between the ball and coupler. If there is play, tighten the adjustment nut until no play is present. If the nut is too tight, the handle will not lock.

NOTE: To reduce friction the ball hitch and coupler, apply a layer of multipurpose lithium grease over ball hitch. Wipe off excess grease when not in use to avoid staining clothes.



TRAILER LICENSING NOTICE

Some states may consider that this trailer kit is specially constructed or homemade vehicle for registration, licensing and/or titling purposes.

The M.C.O. (Manufacturer's Certificate of Origin) supplied with your trailer should be filed out and signed by the dealer transferring ownership to you.

When licensing your trailer, you will need the signed M.C.O. a purchase invoice, cash register receipt, or bill of sale showing the purchase and retail sales tax or use tax collection by the retailer.

Take these to your local Department of Motor Vehicle and upon payment of the appropriate State fees, you will be issued a title, registration and license plate (if required). Some states will require inspection of the assembled and finished trailer kit before issuing a title/registration/license.

If you require additional information or guidance on licensing or titling, please consult your State Department of Motor Vehicle.

SAFE USE AND OPERATION RULES

1. TOWING VEHICLE:

- Make sure vehicle is capable of towing the load.
- Excess speed is the second highest cause of car-trailer accidents. Recommended maximum speed for all passenger cars towing trailers is 45 M.P.H.

2. HITCH, BALL, COUPLER:

- Check that the hitch on the towing vehicle is capable of towing the trailer. The towing capability of the hitch is normally stamped on hitch drawbar.
- Make sure the coupler and the ball are the same sizes and are rated equal to or greater than the load.
- Never attach anything other than the proper size coupler to the ball for towing.

3. SAFETY CHAIN:

- Be sure to use safety chains.
- Check that safety chains are attached to towing vehicle with the same length for each side.
- Do not allow chains to drag on ground.

4. LOADING:

- Never overload trailer. Maximum load is 1,800 LBS.
- Load trailer evenly from side to side with 60% of the load forward of the axle. It is important that the tongue be pressing down on the hitch, but not exceeding a downward force of 180 pounds.
- Reduce weight in car trunk and rear seat areas by amount of tongue weight of your trailer.
- It is against the law to carry passengers in the back of any trailer.

5. LIGHTING:

- Check lighting before each use and every 100 miles to be sure stop tail and turn signals are working properly.
- Replace any broken lenses, reflectors or bulbs.
- Check wires for good connections and possible fraying or wearing of insulation.
- Bulbs supplied with this trailer are for 12 volt system.
- Bulbs used in tail light are Number 1157 (Stop and tail), 1895 (Side).
- Bulb for clearance is Number 194.

6. TIRES:

- Check tire for wear and proper inflation before each use and every 100 miles.
- Please keep the tire pressure (PSI), as shown on the tire.
- Check and tighten lug nuts. Torque to 85-90 FT-LBS. Retorque after first 50 miles.

7. OPERATION:

- Know how to properly control your towing vehicle-trailer combination on the highway under all conditions. Remember the loaded weight of the trailer will increase your braking and stopping distance appreciably.
- When towing a trailer over long distance stop and check tightness of all connections lights and running gear every 100 miles.
- Carry emergency flares, and fire extinguisher if required for operation in your state.
- It is desirable to carry extra bulbs and fuses if you are towing the trailer at night over any great distance.

8. MAINTENANCE:

- Check and maintain the trailer, coupler, ball and hitch before each use and every 200 miles.
- Inspect hitch and ball for damage in every day use.
- Ball or hitch can be damaged in parking, hitting curbs and dragging when crossing ditches or railroad tracks.
- Check safety chains for wear and do not allow safety chains to drag on ground.
- To prevent bearing damage, disassemble and repack wheel bearing with a good grade of wheel bearing grease every 1000 miles or yearly.
- If you don't know how to repack wheel bearing, take your trailer to a garage for advice.

IMPORTANT

The purpose of following notices are to give you tips on safe use and operation of your trailer.

1. Please read the instructions carefully and follow them step-by-step for easy assembly, please maintain this instruction in your file.
2. Please double check the assembling step-by-step, be sure each is followed.
3. Be sure to apply for license as required.
4. Before using, please inspect your trailer.

Notice:

- Re-fill grease on bearing after every 1000 miles of use or yearly.
- Keep tire pressure (PSI) as shown on the tire.
- Please insure you comply with the following before using your trailer:
 1. Tighten U-bolts.
 2. Tighten lug nuts.
 3. Tighten trigger lock on coupler.
 4. Hook up safety chain.
 5. Trailer load should not excess its payload capacity 1,800 lbs and should be Properly secured
 6. Trailer load size should not exceed trailer's bed board size.

Correct way to load your trailer

