

2050 LBS UTILITY DUMP TRAILER KIT 52" x 88"

ASSEMBLY GUIDE

MODEL: AT5288M



SAVE THIS GUIDE & MANUAL

You will need this assembly guide & manual for safety instructions, Operating procedures and warranty. Put it and the original sales receipt in a dry place for future reference.

FREE CALL 888-878-1668

ATTENTION

IMPORTANT: When you open the carton carefully check the unit and make sure there is no damage. If you have any problems with assembling the unit, with how the various functions work, or with damage or missing parts, please go to our website WWW.ALTOCRAFTTRAILER.COM and click on customer support or call Altocraft at the number shown on the cover of this manual as soon as possible.

SPECIFICATIONS

Gross Vehicle Weight (G.V.W)	2050lbs (930 kgs)
Curb Weight	420lbs (191 kgs)
Payload Capacity	1630lbs (739 kgs)
Bad Dimensions	48" x 88" (114.3 cm x 223.5 cm)
Hitch Ball Size	2" (5 cm)
Wheel Rim Diameter x Width	12" x 4" (30.5 cm x 10 cm)
Quantity of Wheel Lug Nuts	5 Per Wheel
Tire Size	5.30-12, 6 Ply
Required of Tire Air Pressure	60PSI, Cold
Over Length	177" (449.5 cm)
Over Width	70" (177.8 cm)
Floor Height	18" (46 cm)
Hitch Height	14" (36 cm)
Lighting	12V DC, D.O.T.
Ship Weight	440lbs (200 kgs)

ASSEMBLY PARTS LIST

NO	DESCRIPTION	QTY
1	Trailer frame	1

COUPLER MOUNT KIT

NO	DESCRIPTION	QTY
2	Coupler	1
3	M12 x 80 mm bolts	2
4	M12 Washers	4

5	M12 Nylon nuts	4
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TONQUE MOUNT KIT

NO	DESCRIPTION	QTY
6	Tongue assembly (including pre-assembled coupler and safety chains)	1
7	M16 x 90 mm bolt	1
8	M16 Nylon nut	1
9	M16 Washers	2
10	D-Pin	1

LEFT SPRING MOUNT KIT

NO	DESCRIPTION	QTY
11	Left springs	2
12	M12 x 80 mm bolts	4
13	M12 Nylon nuts	4
14	M12 Washers	8

AXLE MOUNT KIT

NO	DESCRIPTION	QTY
15	Axle (including hub and lug nuts)	1
16	M10 U Type bolts	4
17	Leaf spring plates	2
18	M10 Washers	8
19	M10 Nylon nuts	8

FENDER MOUNT KIT

NO	DESCRIPTION	QTY
20	Fenders	2
21	M8 x 25 mm bolts	4
22	M8 Washers	8
23	M8 Nylon nuts	4

WHEELS/TIRES MOUNT KIT

NO	DESCRIPTION	QTY
24	Wheels/Tires	2
25	Lug nuts	10

SIDE GATE MOUNT KIT

NO	DESCRIPTION	QTY
26	Side gates	2
27	M8 x 40 mm bolts	8
28	M8 Nylon nuts	8
29	M8 Washers	16

DROP GATE MOUNT KIT

NO	DESCRIPTION	QTY
30	Drop gates	2
31	M8 x 65 mm bolts	4
32	M8 Washers	8
33	M8 Nylon nuts	4
34	D-Pins	4

LIGHTING MOUNT KIT

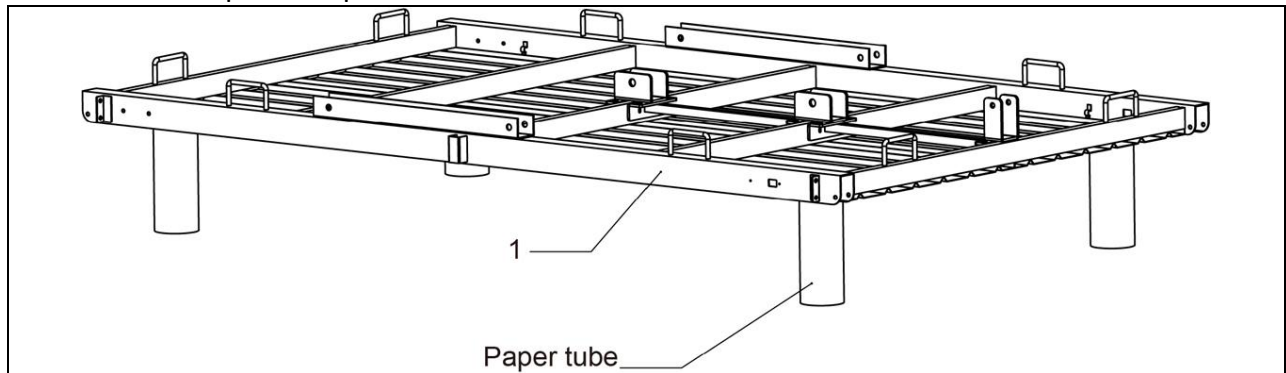
NO	DESCRIPTION	QTY
35	12V Left rear light assembly (with license plate bracket)	1
36	12V Right rear light assembly	1
37	M6 x 60 mm Square neck bolts	4
38	M6 Washers	8
39	M6 Nylon nuts	4
40	12V Side markers	2
41	Self-tapping screws	4

ASSEMBLY

PREPARATION

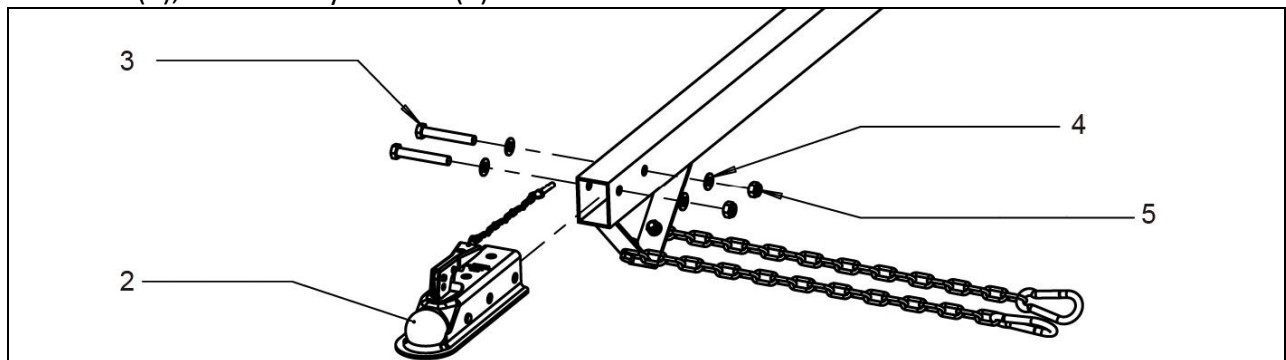
Unpack all parts and place them inside the top cover of the box. Leave the trailer frame in the box with its bottom facing up, as received.

Use the strong paper tube to support the frame (1) from the bottom, just for easy assembly. You also can skip this step.



COUPLER ASSEMBLY

Place the coupler(2) on the tonque. Mount the coupler using the M12 x 80 mm bolts (3), M12 washers (4), and M12 nylon nuts (5).



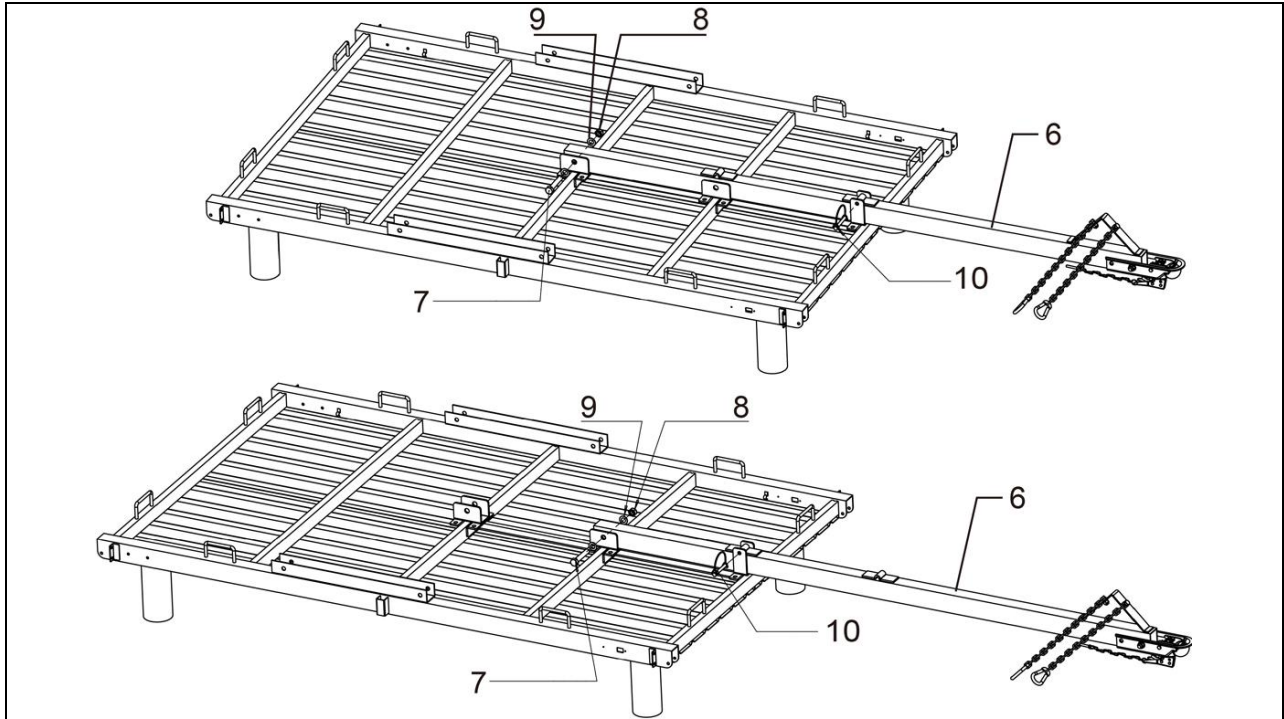
TONQUE ASSEMBLY

Place the tongue (6) on the tongue holder(pre-welded on the frame). Mount the end of the tongue using the M16 x 90 mm bolt (7), M16 nylon nut (8) and M16 flat washers (9). Use the D-pin (10) to secure the front end of the tongue.

Note: The D-Pin is attached to the trailer frame.

Note: Tongue can be placed on either front or end of the frame as needed.

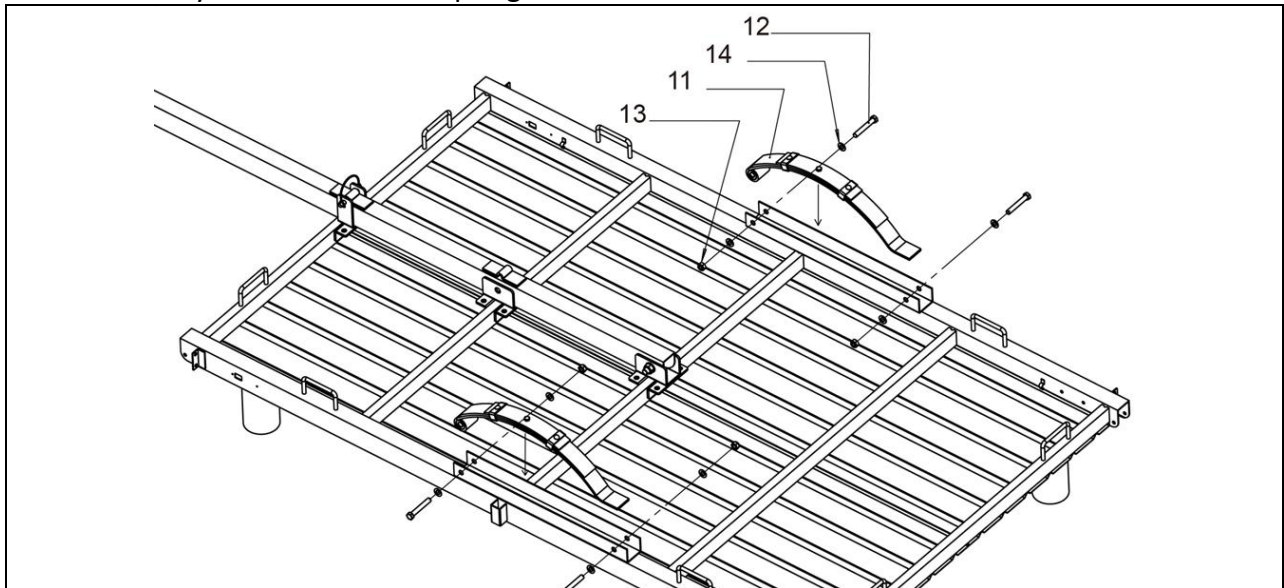
WARNING: When the front drop gate is open, place the tonque on front of the frame.



LEFT SPRING ASSEMBLY

Place the leaf springs (11) on both the right and left side of the frame. Mount the leaf springs on the front and the rear using the M12 x 80 mm bolts (12), M12 nylon nuts (13) and M12 washers (14).

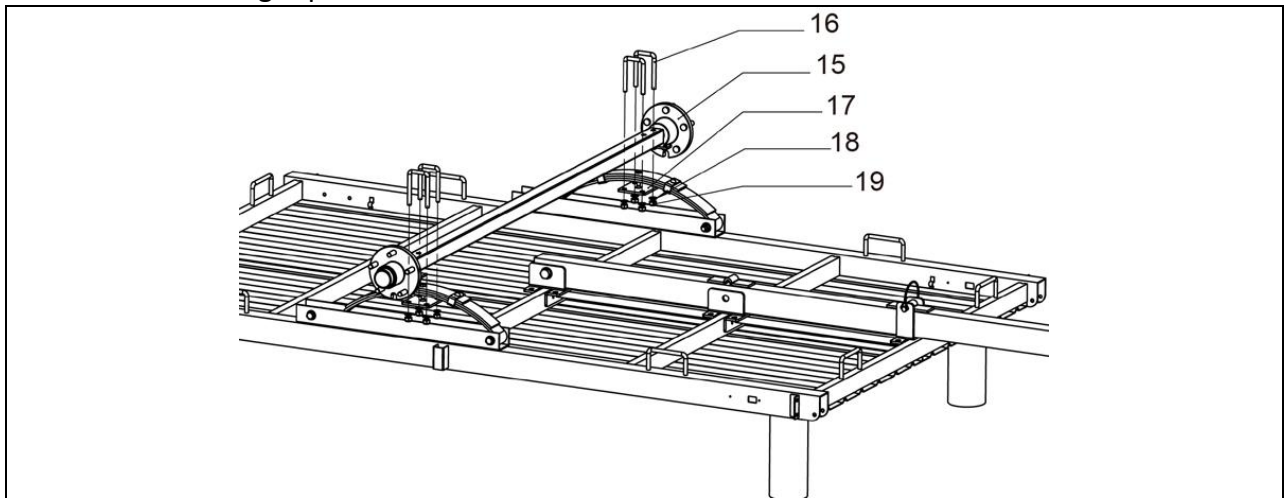
NOTE: The “eye” end of the leaf springs should face the front of the trailer.



AXLE ASSEMBLY

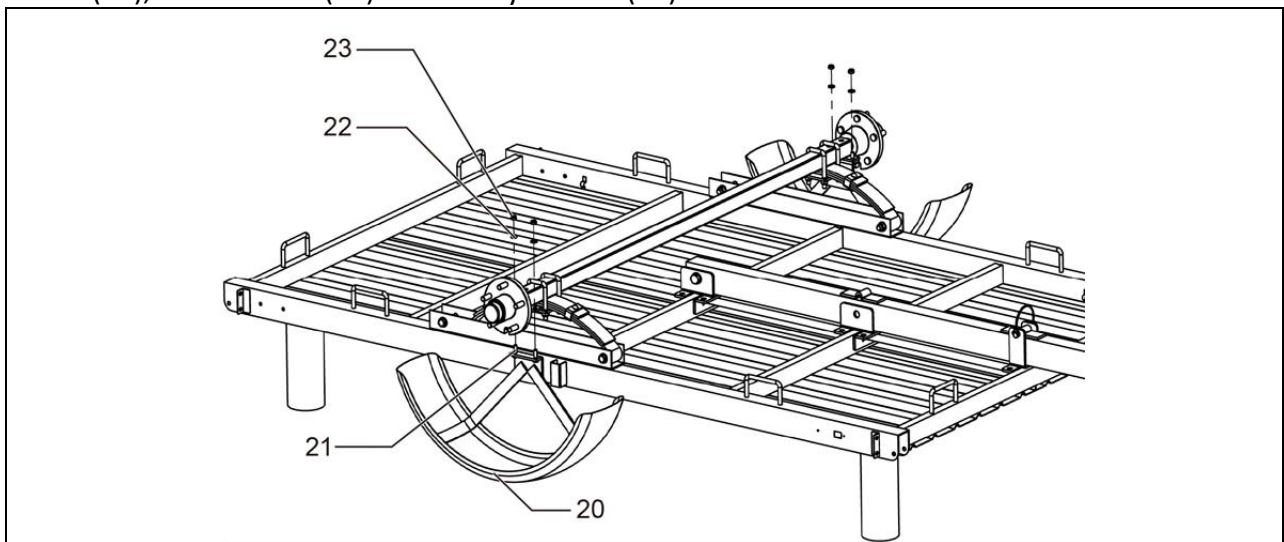
Lay the axle (15) across the leaf springs (11). Mount the axle to the leaf springs with the M10 U-type bolts (16), left spring plate (17), M10 washers (18) and M10 nylon nuts (19).

NOTE: Insert the raised point on the leaf spring into the concave on the axle. Make sure that the axle is in the right position.



FENDER ASSEMBLY

Place the fender (20) upside down below the axle. Mount the fender with the M8 x 25 mm bolts (21), M8 washers (22) and M8 nylon nuts(23).

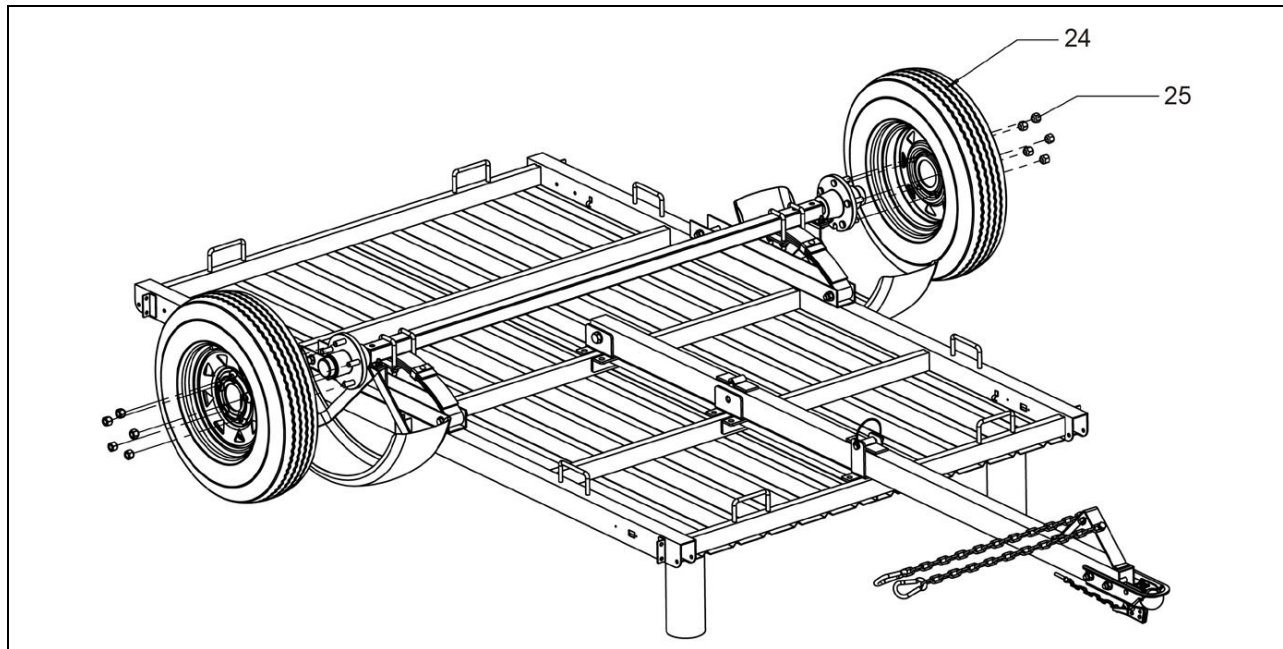


WHEEL/TIRE ASSEMBLY

Loosen the five lug nuts (25) on the hubs. Place the holes of each tire/wheel (24) onto the five bolts on each hub. Secure the wheel assemblies onto the hubs with 80-95 ft-lb torque, following 1-3-5-2-4 order to fasten the lug nuts.

NOTE: If you don't have a torque wrench to secure the wheel assemblies, first secure the assemblies onto the hub and then get any dealer or shop to secure them with 80-95 ft-lb torque.

WARNING: Over fasten the bolt may cause damage or lead to the steel deformation.



FLIP THE TRAILER FRAME

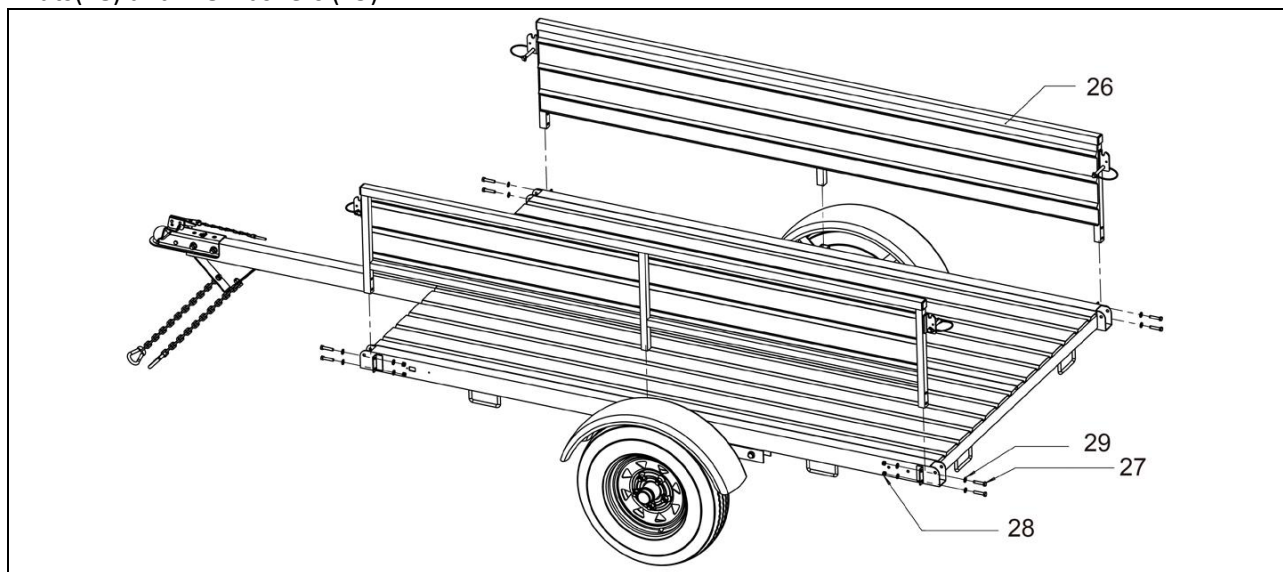
Once the wheels/tires are attached, flip the frame over with extreme caution.

WARNING: Particularly avoid of accidents, at least two adults are needed to flip over the frame.

SIDE GATE ASSEMBLY

Note: Place the side gates with the exposed frame tubes facing outside.

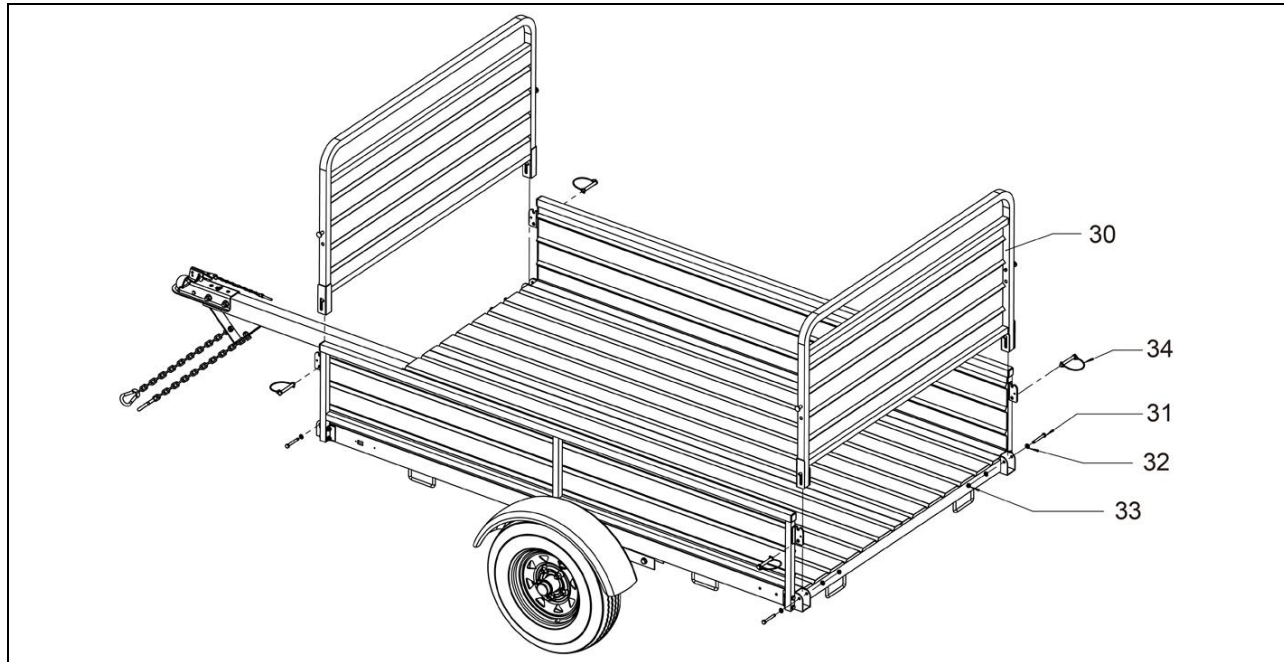
Place the side gate (26) on each side. Mount the side gate with the M8 x 40 mm bolts(27), M8 nylon nuts(28) and M8 washers (29).



DORP GATE ASSEMBLY

Position the pegs of drop gates (30) into the slots on the frame with the mounting holes lined up. Mount the drop gate with the M8 x 65 mm bolts(31), M8 washers (32) and M8 nylon nuts(33). Use the D-pin (10) to secure drop gate.

Note: The D-Pin is attached to the trailer frame.



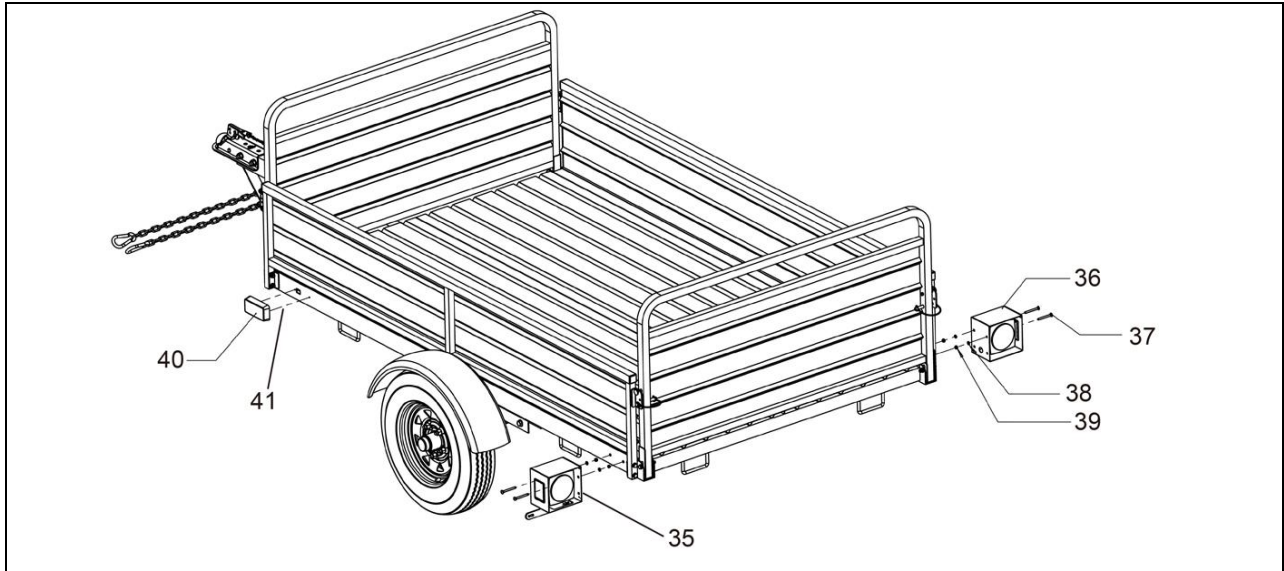
LIGHTING ASSEMBLY

WARNING: According to DOT requirements, the rear light with the license plate bracket must be used on the driver side of the trailer.

Noted: The wire harness are pre-assembled under the frame.

The rear lights are assembled already. Mount the light assemblies (35, 36) onto the side of the rear portion of the frame using the M6 square neck bolts (37), M6 washers (38) and M6 nylon nuts (39). Plug the light connector into the wire harness.

Mount the side marker (40) onto the side of the front portion of the frame using the self-tapping screws (41). Plug the light connector into the wire harness.

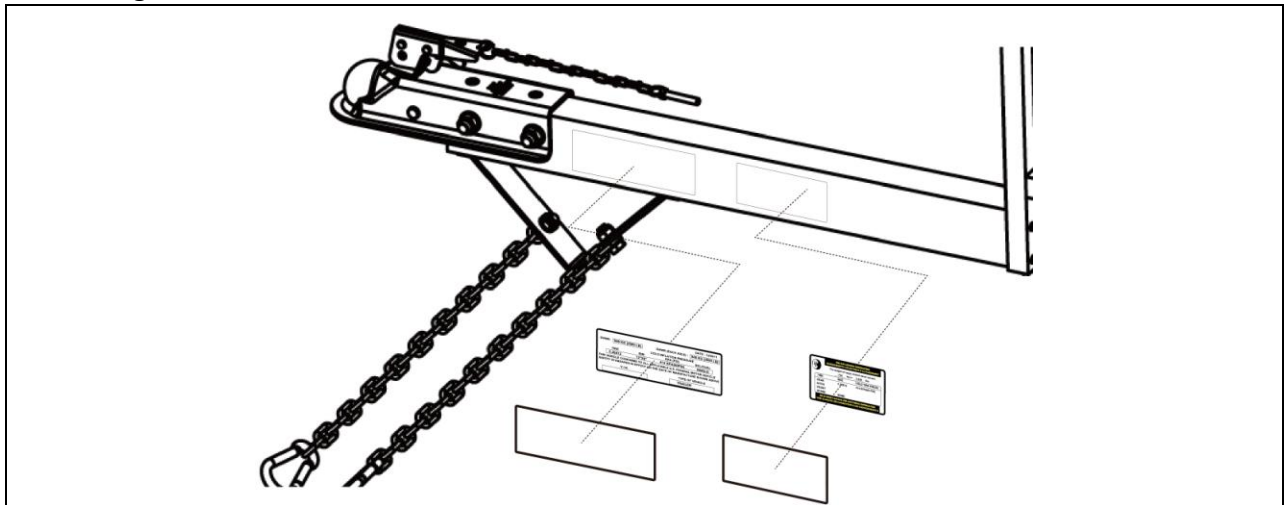


VIN TAG AND TIRE PLACARD ASSEMBLY

Simply take these labels out of the Owner's Manual Package and stick them onto the driver's side of the tongue.

WARNING: The VIN (Vehicle Identification Number) tag and tire placard must be placed on the driver's side.

The serialized VIN tag number matches the number on the trailer's Certificate of Origin. The bill of sale and this certificate of origin will be all that you need to obtain license plates and registration in most states. VIN tags should be attached to the trailer before you receive your trailer tag.



WIRING DIAGRAM

