

Otter Trailer Kit

Assembly Instructions For Otter II Medium ATV Trailer

Tools Required:

- 1/2" Socket with Ratchet and Wrench
- Adjustable Crescent Wrench
- Hammer or Rubber Mallet
- Drill with 5/16" Bit
- 13/16" Socket or Wrench
- 3/16" Allen Wrench or Hex Driver



1. Layout all parts. Refer to exploded view on the opposite side of this sheet.
2. Attach Side Brackets (2) to Frame (1) with 5/16" X 1" Hex Bolts (19), Washers (20), and Lock Nuts (21).
3. Attach Front Bracket (3) to Frame with 5/16" X 1" Hex Bolts (19), Washers (20), and Lock Nuts (21).
4. Assemble Tongue Channel (23) to Tongue (5) with 5/16" x 3-1/2" Hex Bolts (18), Washers (20), and Lock Nuts (21). (Make certain that the holes for the Ball Hitch Assembly are off center toward the bottom of tongue.)
5. Assemble Ball Hitch Assembly (6) to Tongue assembly with 5/16" x 3-1/2" Hex Bolts (18), Washers (20), and Lock Nuts (21).
6. Attach Tipper Latch Assembly (16) to Tongue assembly with 5/16" X 2-1/4" Hex Bolts (18), Washers (20), and Lock Nuts (21).
7. Assemble U-Bolts (8) into Side Brackets (2) with 5/16" Washers (20) and Lock Nuts (21). Slide Axle (4) through U-Bolt (8) on one Side Bracket (2); slide on one Locking Collar (7); then through Tongue Assembly; slide on second Locking Collar (7); then through U-Bolt (8) on opposite Side Bracket. Center Axle between Side Brackets. Tighten U-Bolts. Move Locking Collars next to Tongue and tighten Locking Collars with 3/16" allen wrench or hex driver.
8. Slide Grease Seals (12) onto Axle (4). Grease Seal lip should face towards the Bearing and Hub. Note: Grease must be applied before final assembly of Seals (12). See step 10. Slide inside Bearing (11) onto Axle. Slide Hub and Wheel Assembly onto Axle with Bearing fitting into Hub. Slide the second Bearing (11) onto Axle and into Hub. Turn Castle Nuts (13) onto Axle finger tight.
9. Push Cotter Pin (14) through slots in Castle Nut and hole in Axle. Bend Cotter Pin over.
10. Install Grease Caps (15). Gently tap into place with hammer or rubber mallet. Using grease gun, apply grease until it comes through inside bearing. Gently tap Seals (12) into place.
11. Set Sled (24) onto Frame assembly, mark holes to be drilled through Side and Front Brackets. Drill holes with 5/16" drill.
12. Attach Sled (24) to Frame assembly with 5/16" X 1" Hex Bolts (19), Washers (20), and Lock Nuts (21)
13. Assemble Wheels (10) to Wheel Hubs (9) with 1/2" X 1" Hex Bolts (22).

Parts List

Item	Description	Qty	Item	Description	Qty
1	Frame	1	13	1" Castle Nut	2
2	Side Bracket	2	14	Cotter Pin	2
3	Front Bracket	1	15	Grease Cap	2
4	Axle	1	16	Tipper Latch Assembly	1
5	Tongue	1	17	5/16" X 3-1/2" Hex Bolt	4
6	Ball Hitch Assembly	1	18	5/16" X 2-1/4" Hex Bolt	2
7	Locking Collar	2	19	5/16" X 1" Hex Bolt	12
8	U-Bolt	2	20	5/16" Washer	22
9	Wheel Hub	2	21	5/16" Hex Lock Nut	22
10	Wheel	2	22	1/2" X 1" Hex Bolt	8
11	Bearing	4	23	Tongue Channel	1
12	Grease Seal	2	24	Sled (Not Included in Kit)	1

Otter Sales

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Exploded View**

