

Eastwood

DO THE JOB RIGHT.

Item #20354

PROFESSIONAL WELDING CART

INSTRUCTIONS



The **Eastwood Professional Welding Cart** is constructed of heavy-gauge, powder-coated steel to provide years of rugged and reliable service. It is designed to hold all Eastwood MIG or TIG welders and Eastwood Plasma Cutters along with required gas cylinders. Includes quick-release gas cylinder retaining hoops for safety, large 7-1/2" rubber-tired wheels for stability and ball-bearing swivel casters for easy mobility.

INCLUDES

Components:

- (1) Lower Deck Assembly, "A"
- (1) Axle, "B"
- (2) 7-1/2" Wheels, "C"
- (1) Frame "H" Member, "D"
- (1) Upper Deck Assembly, "E"
- * (2) Upper Deck Supports, ("F"- Left) & ("F"- Right)
- (2) Lower Tank Retaining Hoops, "G"
- (2) Upper Tank Retaining Hoops, "H"
- (3) Universal Cable/Hose Storage Brackets, "I"
- (2) Tool Storage Trays, "J"
- (2) Tool Storage Tray Uprights, "K"

Hardware:

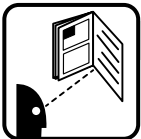
- (2) Wheel Retaining Washers
- (2) Cotter Pins
- (4) Upper Tank Retaining Hoop Spring Pins
- (4) 6mm x 20mm Bolts
- (4) 6mm x 40mm Bolts
- (8) 6mm Flange Nuts
- (8) 8mm x 50mm Bolts
- (4) 8mm Flange Nuts
- (9) 10mm Flange Nuts

* **NOTE:** This cart will fit many welder brands other than Eastwood's. The Deck Supports "F" can be interchanged left and right as required.

TOOLS REQUIRED

- 10, 12 & 14mm wrenches
- 4 & 5mm hex keys
- Pliers

SAFETY INFORMATION



READ INSTRUCTIONS!

- Read this entire manual before set up and use.
- Keep this manual for future reference.



WARNING!

- This cart is intended for use with 7" diameter cylinders up to 43" in height (125 cu. ft.). Do not use with larger cylinders. Use caution when handling compressed gas cylinders and always keep in the upright position. Always use supplied Cylinder Retaining Hoops to secure the cylinders to the cart at top and bottom.
- Use cart on level surfaces only. Do not use on sloped surfaces.
- Always push, pull and steer the cart by the top shelf only and be aware that the weight of a welder will cause it to be top heavy. Do not push, pull or steer the cart by the welder case, welder gun, ground cable, or gas cylinders, as it could cause the cart to tip over.
- Never clamp ground clamp to cart as it could complete the welding circuit and cause unexpected arcing.
- The maximum weight capacity of the top shelf is 100 lbs. Do not exceed this weight or cart failure and personal injury could result.

ASSEMBLY

REAR WHEELS TO LOWER DECK ASSEMBLY (“C” TO “A”)

1. Slide Axle (“B”) through welded tubes on underside of Lower Frame (“A”).
2. Place Wheels (“C”) onto Axle (“B”).
3. Place large washers over Axle between wheel hub and cotter pin. (“B”).
4. Insert cotter pins into holes in either end of Axle (“B”), bend legs backward over wheel hubs with pliers.

UPPER DECK ASSEMBLY (“E”), TO “H” MEMBER (“D”) – FIGS. 1&2

IMPORTANT NOTE: Some difficulty may be encountered at this step of the assembly due to the included angles of the Upper and Lower tube sections. It is highly recommended to have a helper present for this step. It will be necessary to *push* the Swaged ends of the “H” Member *outward* while *pulling* the open ends of the Upper Deck Downtubes.

A ratcheting strap works well with pulling in the open ends of the Upper Deck Downtubes.

1. Turn the Upper Deck Assembly upside down on a piece of cardboard from the packaging.
2. Place the open downtubes of the Upper Deck Assembly over the swaged upper ends of the “H” Member (“A”) and align all holes.
3. As noted above, it will be necessary to *push* the angled, swaged ends of the “H” Member *outward* to allow them to fit into the angled ends of the Upper Deck Assembly.
4. Insert (4) 6mm x 40mm bolts inward through the Upper Deck Assembly Downtubes and the “H” member swaged ends. Attach 6mm flange nuts over the threads protruding through.
5. With a 4mm hex key and 10mm wrench, draw up the hardware only “finger-tight” to allow for alignment in following steps.

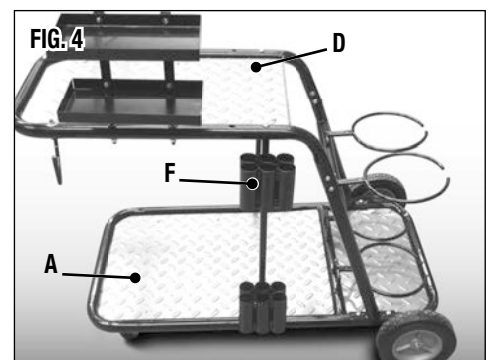
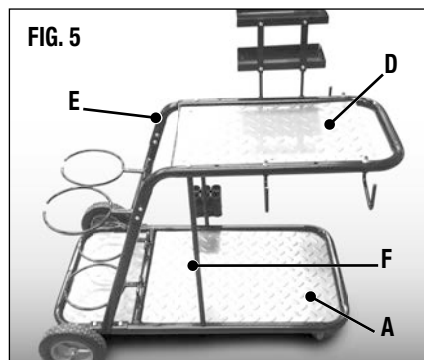
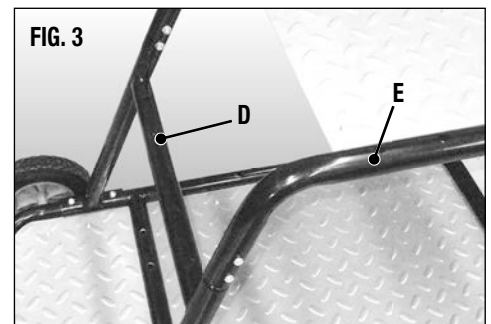
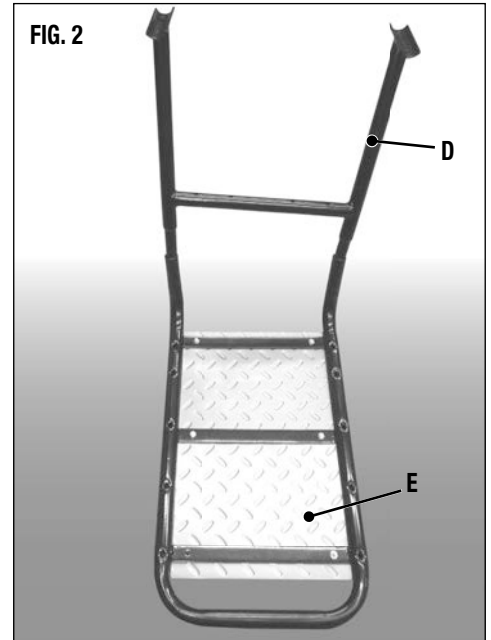
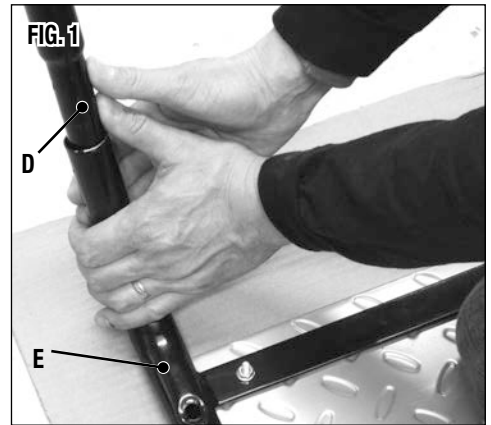
“H” MEMBER & UPPER DECK ASSEMBLY (“D”) & (“E”), TO LOWER DECK ASSEMBLY (“A”) – FIG. 3

1. Place the “H” Member saddles over the holes in the Lower Deck Assembly Frame (“A”), and align all holes.
2. Insert (4) 8mm x 50mm bolts downward through the topside of the “H” member saddles and Lower Deck Assembly Frame. Attach flange nuts over the threads protruding through.
3. Tighten nuts only “finger-tight” to allow for alignment in following steps.

UPPER DECK ASSEMBLY SUPPORTS (“F”–LEFT) & (“F”–RIGHT), BETWEEN UPPER & LOWER DECK ASSEMBLY FRAMES – FIGS. 4 & 5

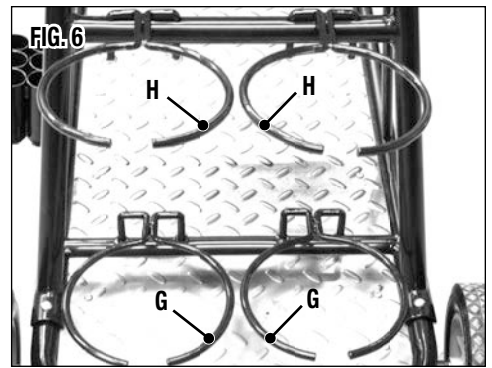
NOTE: This cart will fit many welder brands other than Eastwood’s. The Deck Supports “F” can be interchanged left and right as required.

1. Align the Upper Deck Supports with threaded ends with holes in Upper and Lower Deck Assembly Frame Tubes. **NOTE:** The Tool/Rod Holder Tubes of the Right Upper Deck Assembly Support (“F–Right”) must **face outward**.
2. Place the 8mm x 50mm bolts through holes in Upper and Lower Deck Assembly Frames and thread into the ends of the Upper Deck Supports.
3. With a 5mm hex key, tighten bolts only “finger-tight” to allow for alignment of entire assembly at this point. Once the components are properly aligned, all fasteners can be tightened securely.



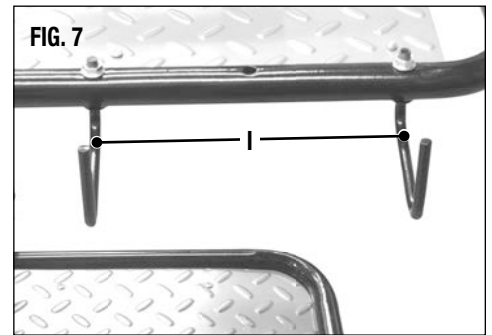
INSTALL UPPER & LOWER CYLINDER RETAINING HOOPS (“G” & “H”) – FIG. 6

1. Slip the (2) Lower Cylinder Retaining Hoops (with threaded ends) (“G”) into holes in Lower Frame crossmember (under “H” Member). **NOTE:** The Hoops must face the rear of the cart. Attach 10mm flange nuts over the threads protruding through and tighten securely with a 14mm wrench.
2. Place 2 Gas Cylinders into Lower Hoops.
3. Slip (2) Upper Cylinder Retaining Hoops (with pinned ends) (“H”) over the 2 Gas Cylinders and place the ends into holes in “H” Member cross bar. Secure by pushing Spring Pins through holes in Hoop Ends.



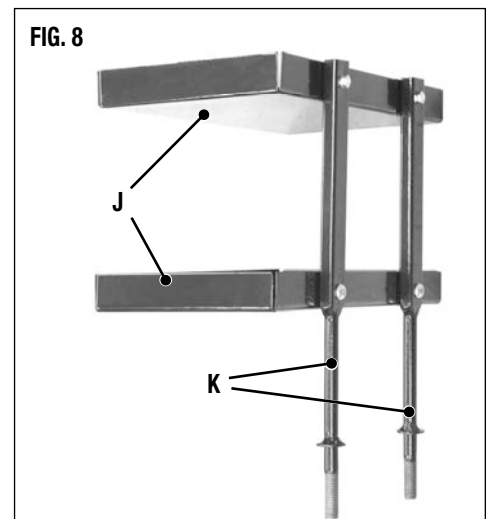
ATTACH CABLE/HOSE STORAGE BRACKETS (“I”) TO UPPER FRAME – FIG. 7

1. From the underside locate the (3) Cable/Hose Storage Brackets (“I”) into the holes in either side of The Upper Frame.
2. Attach 10mm flange nuts over the threads protruding through. Tighten with a 14mm wrench.
3. Using a 14mm wrench, tighten all nuts securely.



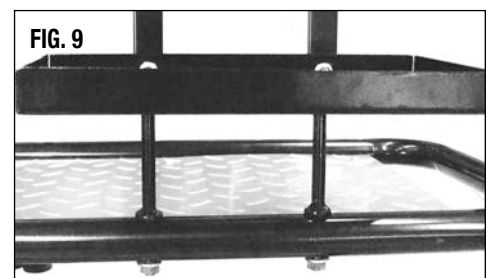
ASSEMBLE TOOL STORAGE TRAYS (“J/K”) – FIG. 8

1. Arrange (2) Trays (“J”) with flanges facing upward, place against the flat faces of (2) Uprights (“K”) and align the (4) mounting holes.
2. From the backside of each Upright (“K”), insert 6mm x 20mm bolts & attach 6mm flange nuts over the threads protruding inward through the Trays (“J”).
3. Using a 4mm hex key and 10mm wrench, tighten all (4) bolt, washer and nut sets securely.



ATTACH TOOL STORAGE TRAY ASSEMBLY (“J/K”) TO UPPER FRAME – FIG. 9

1. Locate the Tool Storage Tray Assembly (“J/K”) into the 2 of the holes in either side of The Upper Deck Assembly Frame.
2. Place flange nuts over the 10mm threads protruding through.
3. Using a 14mm wrench, tighten all nuts securely.



Your Eastwood Professional 4 wheel Welding Cart is now ready for use.

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/20354manual

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