



LARGE WELDING CART

HEAVY-DUTY (375 LB. MAXIMUM)

OWNER & ASSEMBLY MANUAL



ENGLISH

ITEM# 345
REV 11.20.2023



FIVE WAYS TO ORDER

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Forney Promise

We are committed to your success regardless of location, size or needs. We understand it is your goal to get the job done right, and we are ready to help you do just that.

President's Message

We market the highest quality tools, equipment and accessories for the do-it-yourselfer and professional. Our passion and dedication to bringing new products to the industrial and retail market, combined with our personal service, is unmatched in our industry. Our ability to listen to our customers' needs enables us to create solutions to their problems.

Our dedication to the highest quality customer service within our corporate headquarters and the service provided in the field is unequalled. We are committed to creating the best solutions to our customers' needs. Above all, our employees will provide the same respect and caring attitude within the organization as they are expected to share with every Forney customer. Our goal will be to exceed our customers' expectations by empowering our team, guided by shared values and commitments.

We work hard to earn the trust of our customers through our integrity, teamwork, and innovation in the welding & metalworking industry. For 90 years, we have maintained unmatched product quality and demonstrated an unwavering commitment to our customers.

When our customers succeed we succeed.

Steven G. Anderson

STEVEN G. ANDERSON, President & CEO



TECHNICAL ISSUES? FORNEY CAN HELP!

Thank you for choosing Forney! Please note: The store you purchased this unit from DOES NOT handle product returns. Forney Industries will repair or replace defective products at no charge to you!

When you call Forney's Technical Service department, you will speak to a trained product and application expert. Forney's primary goal is to get your unit up and running in as little time as possible. In fact, the majority of issues can be fixed over the phone! Please be near your unit when you call, so the Forney technician can guide you.

Speaking to a Forney Technician directly helps us gather better data, and improve our products. It is our highest priority to ensure our customers are cared for.



WE MAKE IT EASY!

Please contact Forney Industries Technical Service at 800-521-6038 Ext. 2 or customerservice@forneyind.com for inquiries, technical and general questions.

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CAUTION!

BEFORE INSTALLING, OPERATING OR CARRYING OUT MAINTENANCE ON THE UNIT, READ THE CONTENTS OF THIS MANUAL CAREFULLY, PAYING PARTICULAR ATTENTION TO THE SAFETY RULES AND HAZARDS.

In the event of these instructions not being clear, please contact your Forney Authorized Dealer or Forney Customer Service 1-800-521-6038.

Symbols Legend

SYMBOL	MEANING	SYMBOL	MEANING	SYMBOL	MEANING
	PERSONAL PROTECTION		FIRE HAZARD		FALLING OBJECTS
	POISON HAZARD		ELECTRICAL HAZARD		WARNING/ CAUTION

Safety Summary

California Proposition 65 Warning

⚠ WARNING: This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. P65 details at forneyind.com. Wash hands after use.

WARNING! SOME DUST CREATED BY POWER SANDING, SAWING, GRINDING, DRILLING, AND OTHER CONSTRUCTION ACTIVITIES CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

Some examples of these chemicals are:

1. Lead from lead-based paints.
2. Crystalline silica from bricks, cement, and other masonry products.
3. Arsenic and Chromium from chemically treated lumber.

Risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, ALWAYS work in a well-ventilated area with certified safety equipment such as dust masks specifically designed to filter out microscopic particles.

- Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

General Safety

- SAVE THESE INSTRUCTIONS. Read and understand all instructions, precautions, and safety warnings before operating this equipment to avoid injury or property damage.
- Some dust contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm such as asbestos, lead, and lead-based paint.

EMF Information

Welding current, as it flows through the welding cables, will cause electromagnetic fields. There has been and still is some concern about such fields. However, after examination, the committee of the National Research Council concluded that: "The body of evidence, in the committee's judgment, has not demonstrated that exposure to power-frequency electric and a magnetic field is a human health hazard." However, studies are still going forth and evidence continues to be examined. Until the final conclusions of the research are reached, you may wish to minimize your exposure to electromagnetic fields when welding.

To reduce magnetic fields in the workplace, use the following procedures:

1. Keep electrode and ground cables close together by twisting or taping them when possible.
2. Arrange cables to one side and away from the operator.
3. Do not coil or drape cables around your body.
4. Keep welding power source and cables as far away from operator as practical.
5. Connect ground clamp to workpiece as close to the cut or weld as possible.

ABOUT PACEMAKERS & HEARING AIDS:

Pacemaker and hearing aid wearers consult your doctor first. If cleared by your doctor, then following the above procedures is recommended.

Personal Protection



THE WELDING ARC PRODUCES VERY BRIGHT ULTRAVIOLET AND INFRARED LIGHT. THESE ARC RAYS WILL DAMAGE YOUR EYES AND BURN YOUR SKIN IF YOU ARE NOT PROPERLY PROTECTED.

To reduce the risk of injury from arc rays, read, understand, and follow the safety instructions. In addition, make certain that anyone else that uses this welding equipment, or is a bystander in the welding area understands and follows these safety instructions as well. Helmets and filters should conform to ANSI Z87.1 standards.

- Do not look at an electric arc without proper protection. A welding arc is extremely bright and intense and, with inadequate or no eye protection, the retina can be burned, leaving a permanent dark spot in the field of vision. A shield or helmet with a #10 shade filter lens (minimum) must be used.
- Provide bystanders with shields or helmets fitted with an appropriate shade filter lens.
- Do not strike a welding arc until all bystanders and the operator have welding shields and/or helmets in place.
- Do not wear a cracked or broken helmet and replace any cracked or broken filter lenses immediately.
- Do not allow the uninsulated portion of the TIG torch to touch the ground clamp or grounded workpiece to prevent an arc flash from being created on contact.
- Wear protective clothing. The intense light of the welding arc can burn the skin in the same way as the sun, even through lightweight clothing. Wear dark clothing of heavy material. The shirt worn should be long-sleeves and the collar kept buttoned to protect the chest and neck.
- Protect against reflected arc rays. Arc rays can be reflected off shiny surfaces such as a glossy painted surface, aluminum, stainless steel, and glass. It is possible for your eyes to be injured by reflected arc rays even when wearing a protective helmet or shield. If welding with a reflective surface behind you, arc rays can bounce off the surface and off the filter lens. It can get inside your helmet or shield and into your eyes. If a reflective background exists in your welding area, either remove it or cover it with something non-flammable and non-reflective. Reflective arc rays can also cause skin burn in addition to eye injury.
- Flying sparks can injure. Wear proper safety equipment to protect your eyes and face. Shape the tungsten electrode on the grinder while wearing proper protection and in a safe location. Keep flammables away and prevent fire from flying sparks.



FUMES, GASSES, AND VAPORS CAN CAUSE DISCOMFORT, ILLNESS, AND DEATH! To reduce the risk, read, understand, and follow the safety instructions. In addition, make certain that anyone else that uses this welding equipment or is a bystander in the welding area, understands and follows these safety instructions as well.

- Read and understand manufacturers' Safety Data Sheets (SDS) and Material Safety Data Sheets (MSDS).
- Do not weld in an area until it is checked for adequate ventilation as described in ANSI standard Z49.1. If ventilation is not adequate to exchange all fumes and gasses generated during the welding process with fresh

air, do not weld unless you (the machine) and all bystanders are wearing air-supplied respirators.

- Do not heat metals coated with, or that contain, materials that produce toxic fumes (such as galvanized steel), unless the coating is removed. Make certain the area is well ventilated, and the operator and all bystanders are wearing air-supplied respirators.
- Do not weld, cut or heat lead, zinc, cadmium, mercury, beryllium, antimony, cobalt, manganese, selenium, arsenic, copper, silver, barium, chromium, vanadium, nickel, or similar metals without seeking professional advice and inspection of the ventilation of the welding area. These metals produce extremely toxic fumes which can cause discomfort, illness and death.
- Do not weld or cut in areas that are near chlorinated solvents. Vapors from chlorinated hydrocarbons, such as trichloroethylene and perchloroethylene, can be decomposed by the heat of an electric arc or its ultraviolet radiation. These actions can cause phosgene, a highly toxic gas to form, along with other lung and eye irritating gasses. Do not weld or cut where these solvent vapors can be drawn into the work area or where the ultraviolet radiation can penetrate to areas containing even very small amounts of these vapors.
- Do not weld in a confined area unless it is being ventilated or the operator (and anyone else in the area) is wearing an air-supplied respirator.
- Stop welding if you develop momentary eye, nose, or throat irritation as this indicates inadequate ventilation. Stop work and take necessary steps to improve ventilation in the welding area. Do not resume welding if physical discomfort persists.

Fire Prevention



FIRE OR EXPLOSION CAN CAUSE DEATH, INJURY, AND PROPERTY DAMAGE! To reduce these risks, read, understand and follow the safety instructions. In addition, make certain that anyone else that uses this welding equipment, or is a bystander in the welding area, understands and follows these safety instructions as well. Remember: arc welding by nature produces sparks, hot spatter, molten metal drops, hot slag and hot metal parts that can start fires, burn skin and damage eyes.

- Do not wear gloves or other clothing that contains oil, grease, or other flammable substances.
- Do not wear flammable hair preparations.
- Do not touch the hot weld bead or weld puddle until fully cooled.
- Do not weld in an area until it is checked and cleared of combustible and/or flammable materials. Be aware that sparks and slag can fly 35 ft and can pass through small cracks and openings. If work and combustibles cannot be separated by a minimum of 35 ft, protect against ignition with suitable, snug-fitting, fire-resistant, covers or shields.
- Do not weld on walls until you have checked for and removed combustibles touching the other side of the walls.
- Connect the ground cable to the workpiece as close as possible to the welding area. Do not connect ground cables to building framing or other locations away from the welding area. This increases the possibility of welding current passing through alternate circuits, creating fire hazards and other safety hazards.
- Do not weld, cut, or perform other such work on used barrels, drums, tanks, or other containers that have a flammable or toxic substance. The techniques for removing flammable substances and vapors, to make a used container safe for welding or cutting, are quite complex and require special education and training.
- Do not strike an arc on a compressed gas or air cylinder, and never allow any electrically "hot" parts to touch a cylinder. Doing so will create a brittle area that can result in a violent rupture immediately or at a later time as a result of rough handling.
- Ensure any compressed gas cylinders in the work area have properly operating regulators rated for the gas and pressure used. All hoses, fittings, etc. should be in good condition.
- Do not stand in front of or put your head or face in front of a cylinder valve outlet when opening the valve.
- If a cylinder is not in use or connected for use, keep a valve protection cap in place to protect the valve.
- Keep cylinders upright and securely chain them to a fixed support to prevent tipping.
- Keep cylinders away from areas where they may be subjected to physical damage or accidentally struck. Keep them a safe distance from any source of flame, sparks, or heat.
- Do not weld or cut in an area where the air may contain flammable dust (such as grain dust), gas, or liquid vapors (such as gasoline).
- Do not handle hot metal, such as the workpiece or electrode stubs, with bare hands.
- Wear leather gloves, heavy long-sleeved shirt, cuff-less pants, high-topped shoes, a helmet, and a welding cap. As necessary, use additional fire-resistant protective clothing to cover and protect the upper and lower body. Hot sparks or metal can lodge in rolled-up sleeves, pant cuffs, or pockets. Sleeves and collars should be kept buttoned and pockets eliminated from the shirt front.

- Have fire extinguisher equipment handy for immediate use. A portable chemical fire extinguisher, type ABC, is recommended.
- Wear ear plugs when welding overhead to prevent spatter or slag from falling into the ear.
- Make sure the welding area has a good, solid, safe floor, preferably concrete or masonry, not tiled, carpeted, or made of any other flammable material.
- Protect flammable walls, ceilings, and floors with heat-resistant covers or shields.
- Check the welding area to make sure it is free of sparks, glowing metal or slag, and flames before leaving the welding area.
- Wear garments free of oil or other flammable substances such as leather gloves, thick cotton shirts with no synthetic materials, cuff-less trousers, closed-toed shoes. Keep long hair pulled back.
- Remove any combustibles such as lighters and matches before doing any welding.
- Follow requirements in OSHA and NFPA for hot work and have an extinguisher nearby.

Electric Shock



WARNING: ELECTRIC SHOCK CAN KILL! To reduce the risk of death or serious injury from shock, read, understand, and follow the safety instructions. In addition, make certain that anyone else who uses this welding equipment, or who is a bystander in the welding area understands and follows these safety instructions as well. **IMPORTANT! TO REDUCE THE RISK OF DEATH, INJURY, OR PROPERTY DAMAGE, DO NOT ATTEMPT OPERATION** of this welding equipment until you have read and understand the following safety summary.

- Do not, in any manner, come into physical contact with any part of the welding current circuit. The welding current circuit includes:
 - a. The workpiece or any conductive material in contact with the welding current.
 - b. The ground clamp.
 - c. The electrode or welding wire.
 - d. Any metal parts on the electrode holder, or MIG gun.
- Do not weld in a damp area or come in contact with a moist or wet surface.
- Do not attempt to weld if any part of clothing or body is wet
- Do not allow the welding equipment to come in contact with water or moisture .
- Do not drag welding cables, MIG gun, or welder input power cable through or allow them to come into contact with water or moisture.
- Do not touch the welder, or attempt to turn welder ON or OFF if any part of the body or clothing is moist or if you are in physical contact with water or moisture.
- Do not attempt to plug the welder into the power source if any part of your body or clothing is moist, or if you are in physical contact with water or moisture.
- Do not connect the ground clamp to the electrical conduit, and do not weld on the electrical conduit.
- Do not alter the input power cable or plug in any way.
- Do not attempt to plug the welder into the power source if the ground prong on the input power cable plug is bent over, broken off, or missing.
- Do not allow the welder to be connected to the power source or attempt to weld if the welder, welding cables, welding site, or welder input power cable are exposed to any form of atmospheric precipitation, or salt water spray.
- Do not carry coiled welding cables around shoulders, or any other part of the body, when they are plugged into the welder.
- Do not modify any wiring, ground connections, switches, or fuses in this welding equipment.
- Wear welding gloves to help insulate hands from the welding circuit.
- Keep all liquid containers far enough away from the welder and work area so that if spilled, the liquid cannot possibly come in contact with any part of the welder or electrical welding circuit.
- Replace any cracked or damaged parts that are insulated or act as insulators such as welding cables, input power cable, or electrode holder immediately.
- When not welding, cut the wire back to the contact tip or remove the electrode from the electrode holder.

Pressure Vessels

PRESSURE VESSELS MAY BURST! Compressed gas tanks or cylinders are designed and may be UM-coded according to ASME Section VIII, Div. 1 rules. Pressure vessels may fail suddenly with a violent explosion that could cause serious injury, death, or property damage. All pressure vessels including compressed air tanks should be inspected once every two years. To find your state pressure vessels inspector, search for the Division of Labor and Industries on the internet or in the government section of your local phonebook.

ALWAYS ensure that pressure vessels are located on a stable platform with a level base. **NEVER** lean a pressure vessel against a surface or object as it may fall over resulting in serious injury, death, or property damage. **NEVER** place tools, machines, objects, or equipment above the valve of a pressure vessel or the pressure vessel itself. Falling objects can damage pressure vessels or their valves resulting in equipment rupture, explosion, rapid acceleration, or other failure. **NEVER LOCATE A PRESSURE VESSEL ON AN ELEVATED SURFACE, PLATFORM, OR ROOF.**

Falling Objects



FALLING OBJECTS CAN CAUSE SERIOUS INJURY OR PROPERTY DAMAGE! Tools, machines, equipment, and other objects can fall from the shelves of the cart, a table, a workbench, or a roof and cause serious injury, death, or property damage. **NEVER OVERLOAD THE CART** (see Technical Specifications). **ALWAYS** ensure that the cart is evenly loaded. **ALWAYS** ensure that the cart is on a level surface with minimal incline. **ALWAYS** activate the cart caster brakes before leaving the cart unattended (see cart features). When loading the cart, **ALWAYS** load the heaviest objects on the lower shelves closest to the ground to prevent the cart from tipping. **NEVER** position tools, machines, or equipment on a roof or other elevated surface.

Additional Safety Information

LIFTING HEAVY OBJECTS CAN CAUSE SERIOUS INJURY! Improper heavy lifting techniques can lead to extreme long-term injury. This cart, shielding gas cylinders or bottles, some welding machines, and many other tools or pieces of equipment are too heavy to be lifted by one person. **ALWAYS UNLOAD THE CART COMPLETELY BEFORE LIFTING.** **ALWAYS** get help when lifting your cart or other heavy objects. **ALWAYS** observe proper heavy lifting techniques.

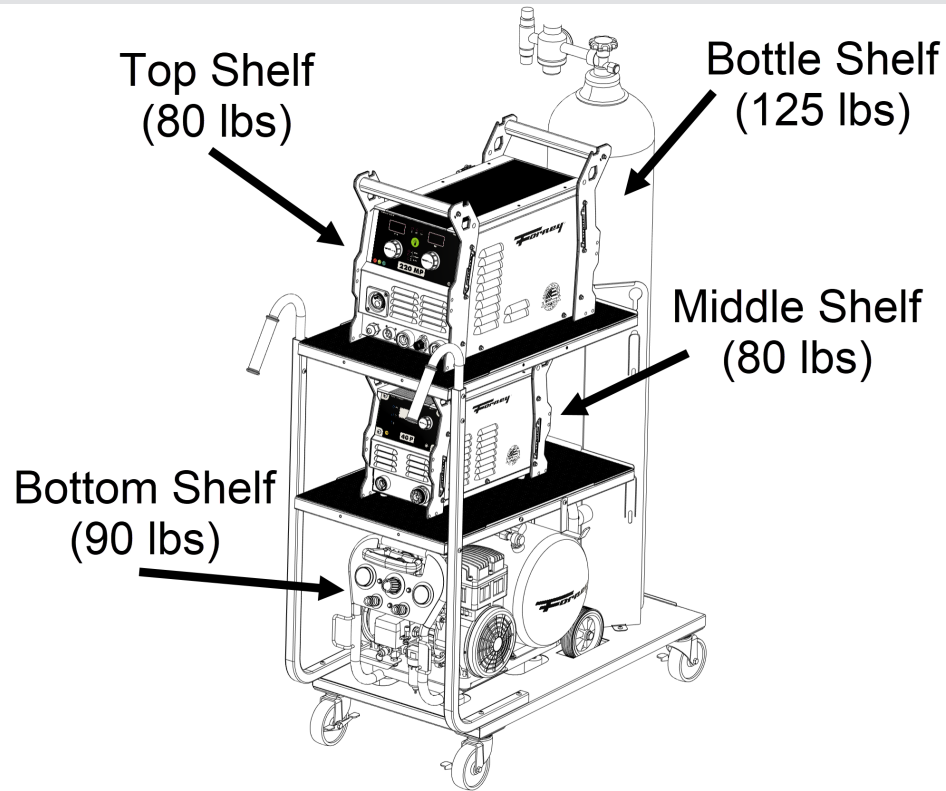
NEVER ATTEMPT TO ROLL THE CART OVER A BUMP, CURB, UP/DOWNSTAIRS, OR OTHER OBSTACLES. Unload the cart completely and get help to carry the cart over the obstacle.

UNSAFE OPERATION OF TOOLS OR EQUIPMENT CAN LEAD TO SERIOUS INJURY, DEATH OR PROPERTY DAMAGE! Read, understand, and follow all of the instructions, precautions, and safety warnings in the owner's/operator's manual of any tool, machine, or piece of equipment before use. **KEEP THIS MANUAL AND ALL WARNINGS FOR FUTURE REFERENCE. KEEP CHILDREN AWAY FROM THE CART, TOOLS, MACHINES, AND OTHER EQUIPMENT AT ALL TIMES. DO NOT OPERATE TOOLS, MACHINES, OR EQUIPMENT WHILE FATIGUED OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL. NEVER DEFEAT THE SAFETY FEATURES OF TOOLS, MACHINES, OR EQUIPMENT. EQUIP THE AREA OF OPERATION WITH A FIRE EXTINGUISHER. DO NOT OPERATE TOOLS, MACHINES, OR EQUIPMENT WITH MISSING, BROKEN, OR UNAUTHORIZED PARTS.**

RUNAWAY/ROLLING CARTS CAN CAUSE INJURY OR PROPERTY DAMAGE! If left unattended, carts or other wheeled equipment can begin rolling away. After rolling just a short distance down a mild incline, carts or other wheeled equipment can build up dangerous levels of momentum and can cause serious injury or damage upon collision with people, animals, objects, or property. This cart is equipped with caster brakes (see cart features). These caster brakes can act to prevent the cart from rolling away on a level surface with minimal incline. **ALWAYS** lock the caster brakes before leaving the cart unattended. **NEVER** locate the cart on a hill, incline, or elevated surface. **NEVER** leave the cart unattended in heavy wind. **NEVER DEPEND ON THE CASTER BRAKES FOR SAFETY OR SECURITY.** Always use caution when positioning the cart. **THE CASTER BRAKES ARE PROVIDED AS A CONVENIENCE BUT ARE NOT TO BE USED AS A SAFETY DEVICE.**

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE!

Maximum Shelf Capacities



WARNING! DO NOT UNEVENLY LOAD THIS CART! LOADING ONLY THE TOP OF THIS CART MAY CAUSE IT TO TIP EASILY AND MAY CAUSE SERIOUS INJURY OR PROPERTY DAMAGE. ALWAYS LOAD LARGE OR HEAVY TOOLS, MACHINES, AND EQUIPMENT WITH THE CART ON A FLAT SECURE SURFACE AT GROUND LEVEL. ALWAYS LOAD THIS CART FROM THE BOTTOM UP TO AVOID UNEVEN LOADING.

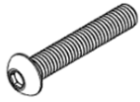
Cart Specifications

Specification	Value
Assembled Length	44"
Assembled Width	22"
Assembled Height	44"
Bottom Shelf Volume	16" x 23" x 16"
Bottom Shelf Weight Capacity	90 lbs.
Middle Shelf Volume	16" x 27.5" x 14"
Middle Shelf Weight Capacity	80 lbs.
Top Shelf Dimensions	16" x 27.5"
Top Shelf Weight Capacity	80 lbs.
Gas Cylinder Diameter Capacity	9.5"
Gas Cylinder Weight Capacity	125 lbs.
Gas Cylinder Size Capacity	250 CF (DOT-3AA2265)
Cart Total Working Limit	375 lbs.

Package Contents



(A) M6 x 12mm
Screw, Black
x30



(B) M6 x 35mm
Screw, Black
x4



(C) M6 x 60mm
Bolt, Black
x4



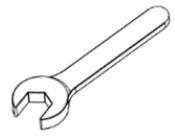
(D) M6 Lock
Nut, Black
x4



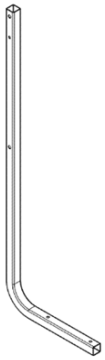
(E) M6 Lock
Nut, Black
x16



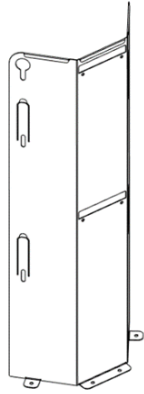
(F) 4mm Allen
Key
x1



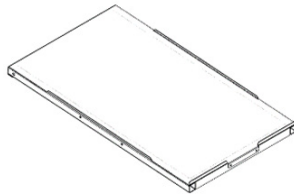
(G) 10mm
Wrench
x1



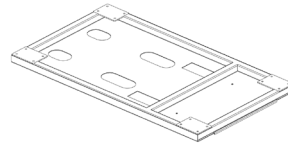
(H) Upright
Support, Green
x2



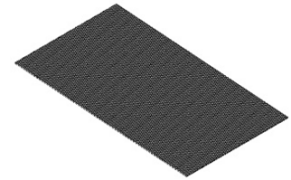
(I) Gas Cylinder
Support, Black
x1



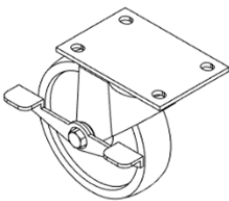
(J) Cart Shelves,
Black
x2



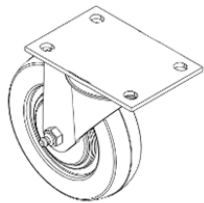
(K) Cart Base
Plate, Black
x1



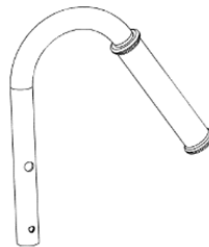
(L) Rubber Shelf
Mat, Black
x2



(M) Locking
Casters
x2



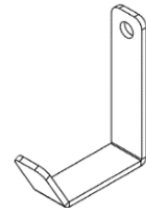
(N) Swivel
Casters
x2



(O) Cart
Handles, Green
x2



(P) Gas
Cylinder Safety
Chain
x1



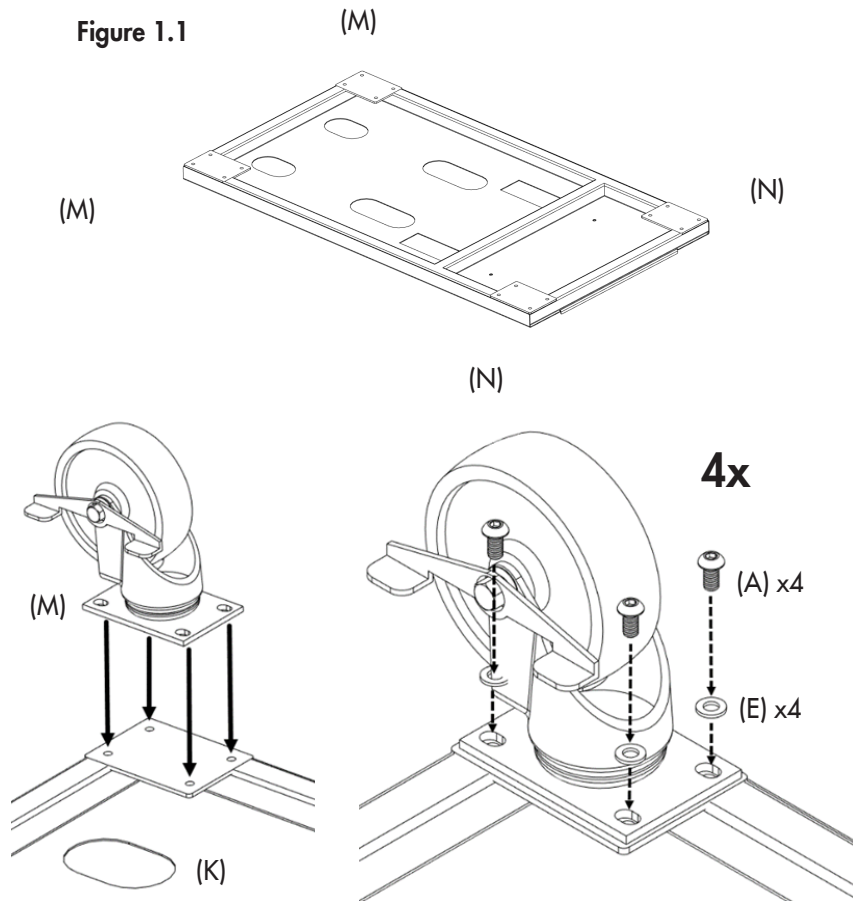
(Q) Cable Hook
x2

Assembly Instructions

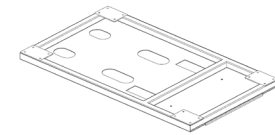
Step 1: Begin with the Cart Base Plate (K) oriented upside down as shown in the Figure 1.1 below. Install the 4 (M) and (N) Casters on each of the 4 corners of the base plate using 4 of Screw (A) and 4 of Washer (E) for each caster.

Note: Forney advises that the 2 locking casters (M) are installed on the rear of the baseplate next to the compressor cutouts as shown below.

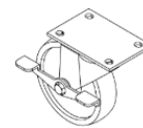
Figure 1.1



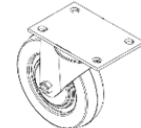
Parts Used in Step 1



(K) x1



(M) x2



(N) x2

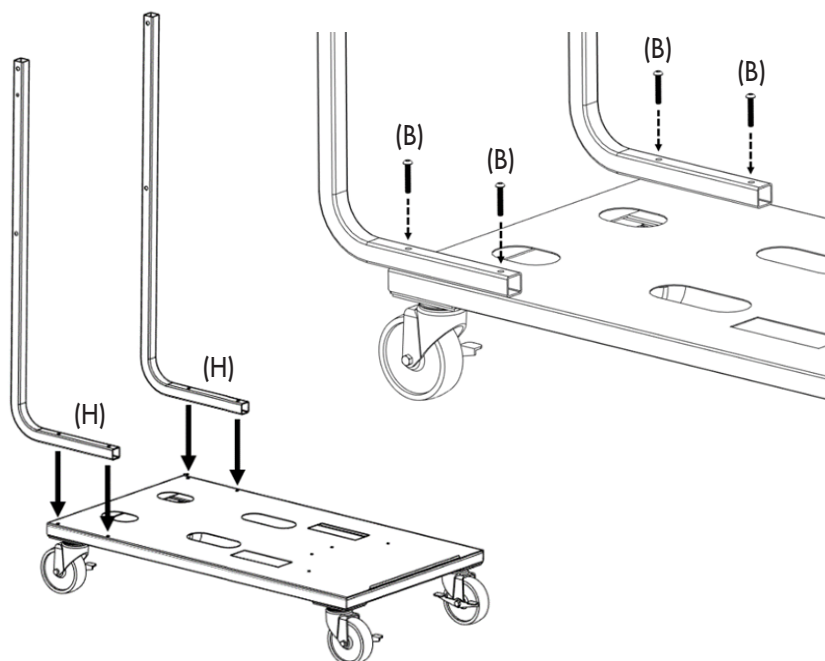


(A) x16

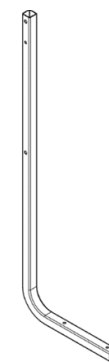


(E) x16

Step 2: Install both Green Upright Supports (H) onto the Cart Baseplate (K) making sure to line up the holes of the supports with the threaded holes on the baseplate as shown below. Attach the two parts using 4 (B) Screws.



Parts Used in Step 2

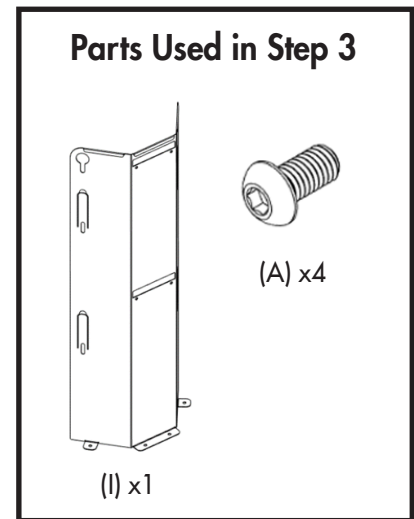
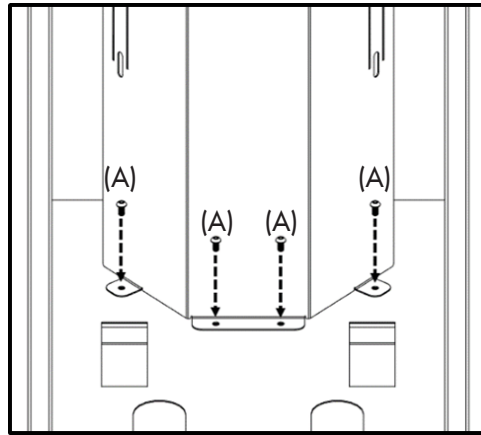
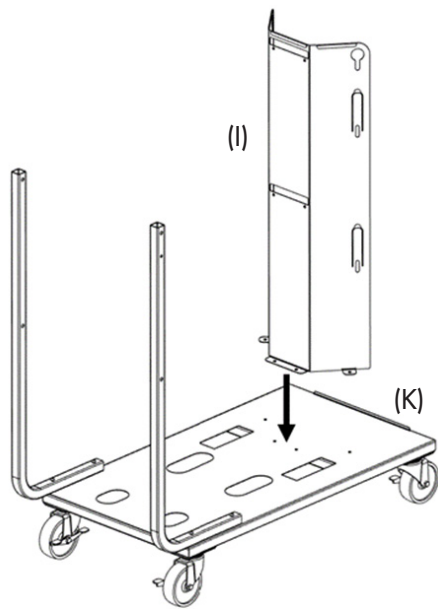


(H) x1

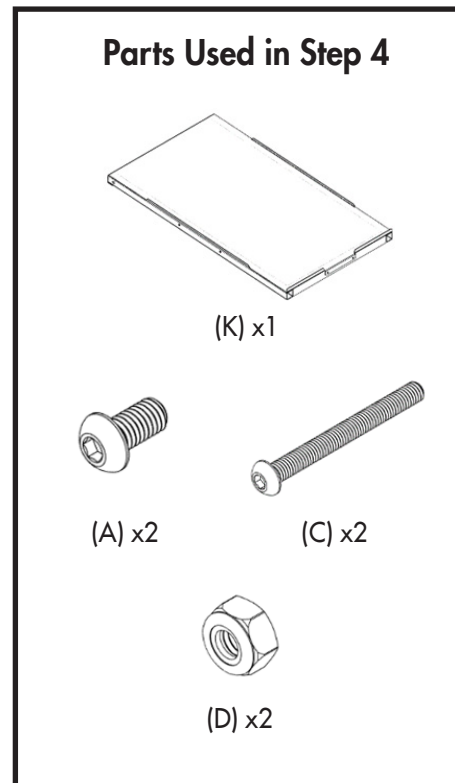
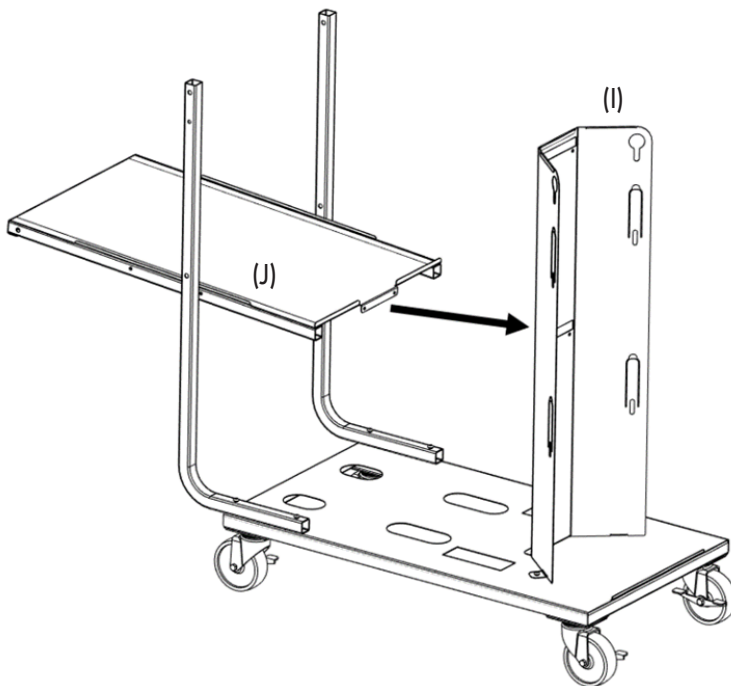


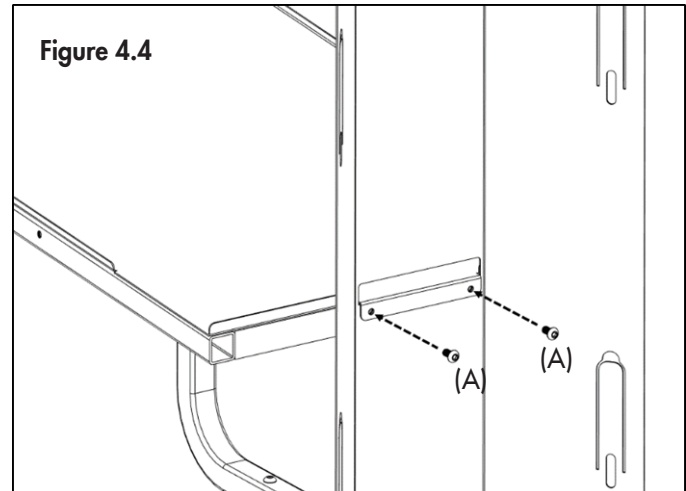
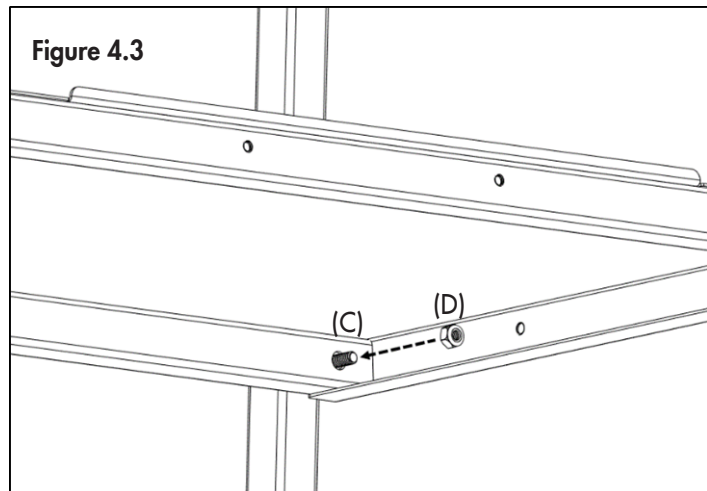
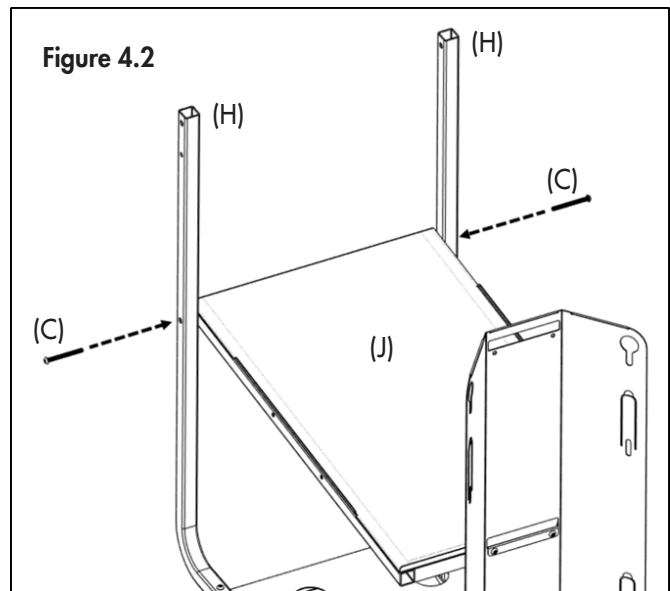
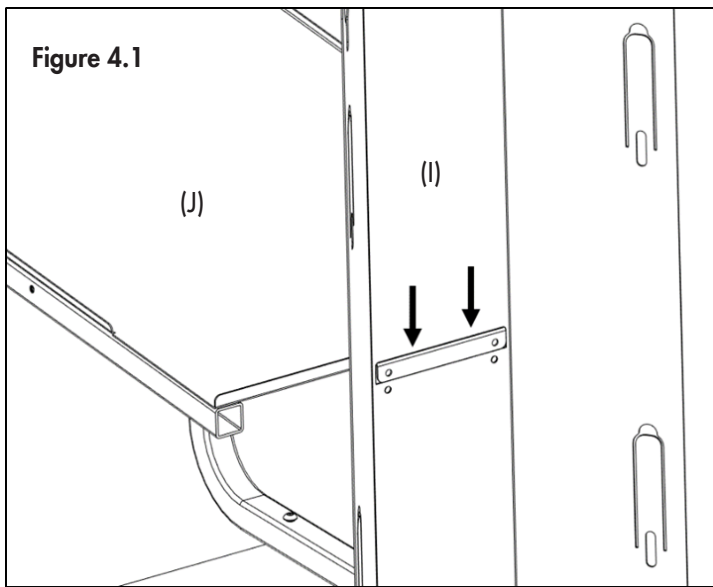
(B) x4

Step 3: Place the Black Gas Cylinder Support (I) on Base Plate (K) lining up the holes on the tabs with the threaded holes on the base plate. Use 4 (A) Screws to secure the cylinder support in place.



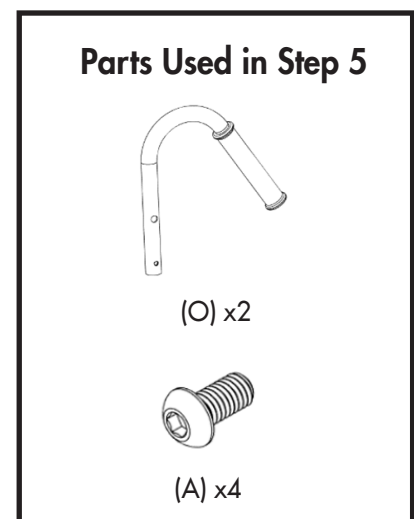
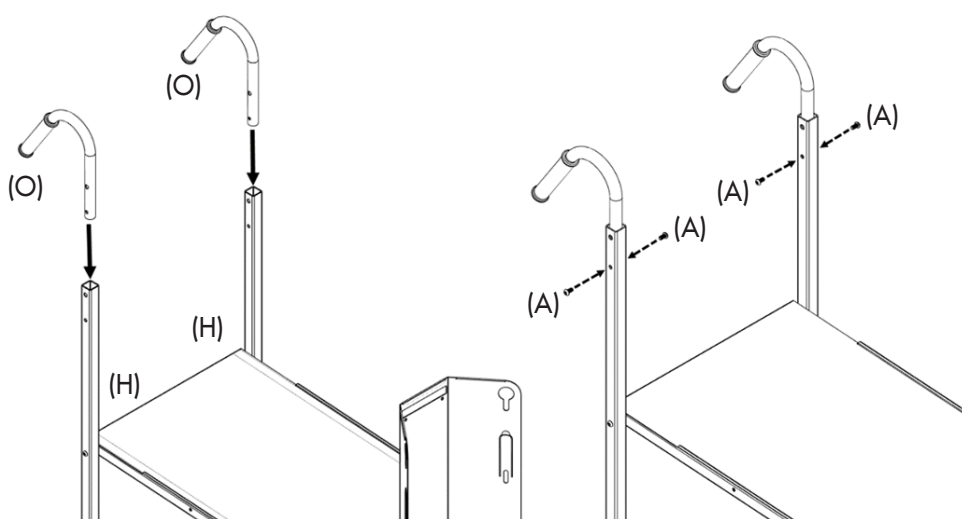
Step 4: Install Middle Shelf (J), making sure to slot the tab into the middle gap of the Gas Cylinder Support (K) as shown in 4.1. Install both (C) Bolts through the Green Upright Supports (H) and into the middle shelf (4.2). Attach Nuts (D) onto the rear shelf bolts and tighten down (4.3). Lastly, secure the front shelf tab into the cylinder support with 2 (A) Screws as shown in Figure 4.4 on the following page.





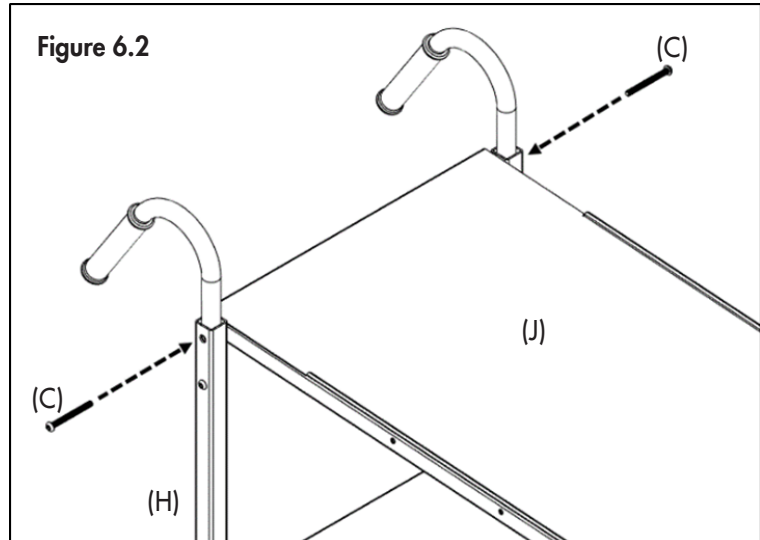
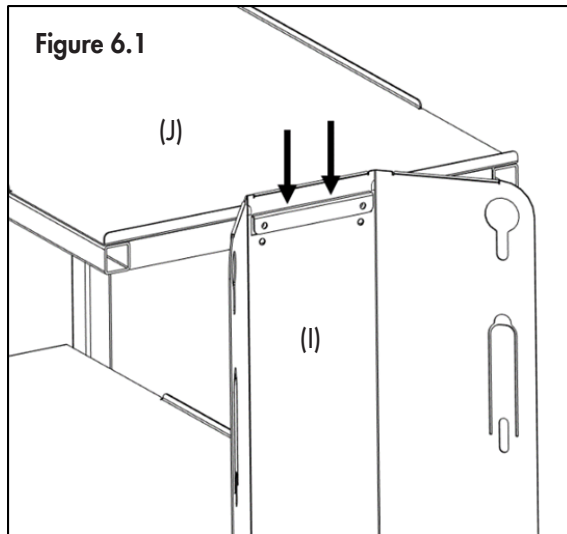
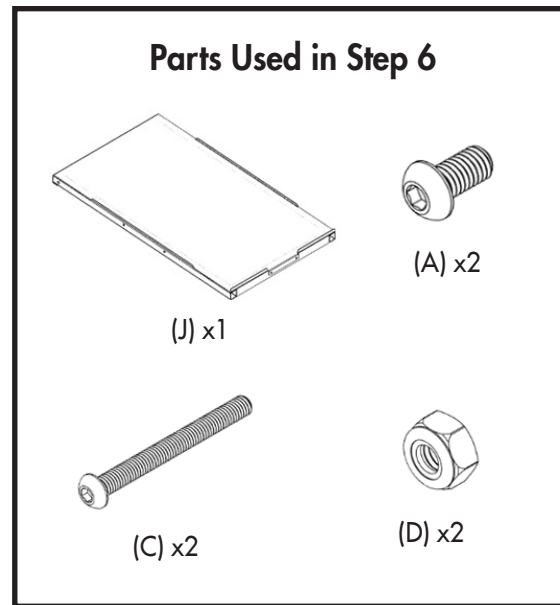
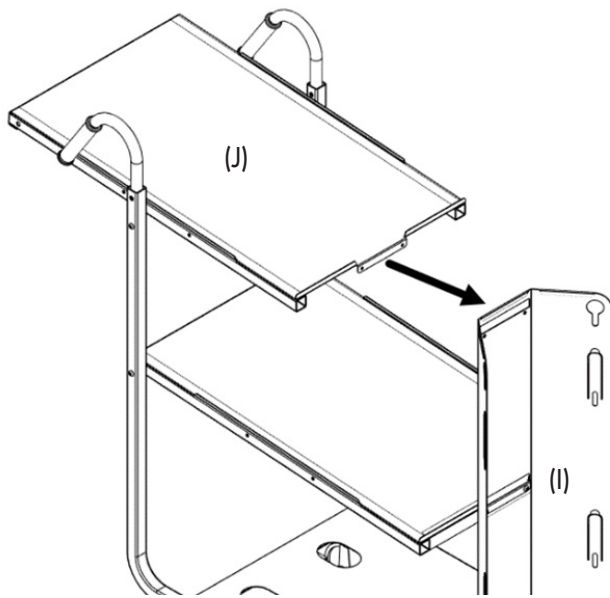
Step 5: Insert both Green Cart Handles (O) into the top of the square tubing of the Green Upright Supports (H). Use 2 (A) Screws to secure each handle. Be sure to use only the bottom holes on the handle for Step 5.

Note: The handles must be installed before installing the Top Shelf (J) in Step 6.

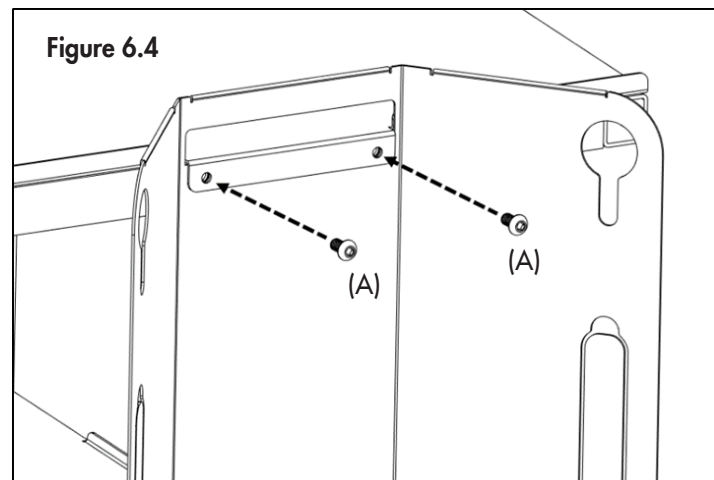
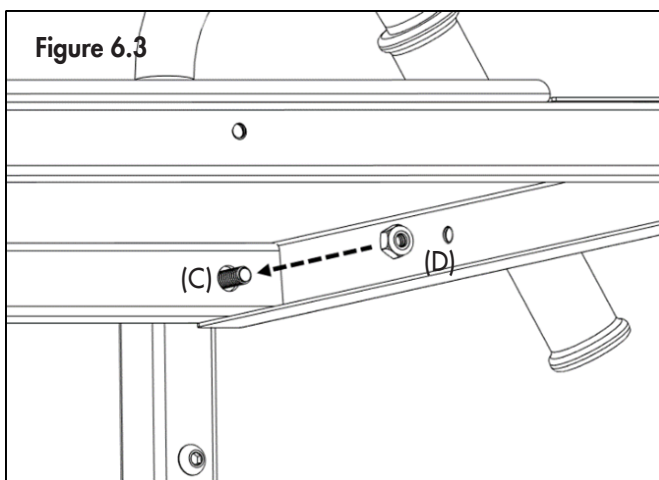


Note: If handles become damaged with use, Forney ITEM# 34301 is interchangeable with included handles.

Step 6: Similar to the middle shelf, install Top Shelf (J) and slot the tab into the top gap on Cylinder Support (K) as shown in Figure 6.1 below. Install both (C) Bolts through the top holes of the Green Upright Supports (H) and into the middle shelf.

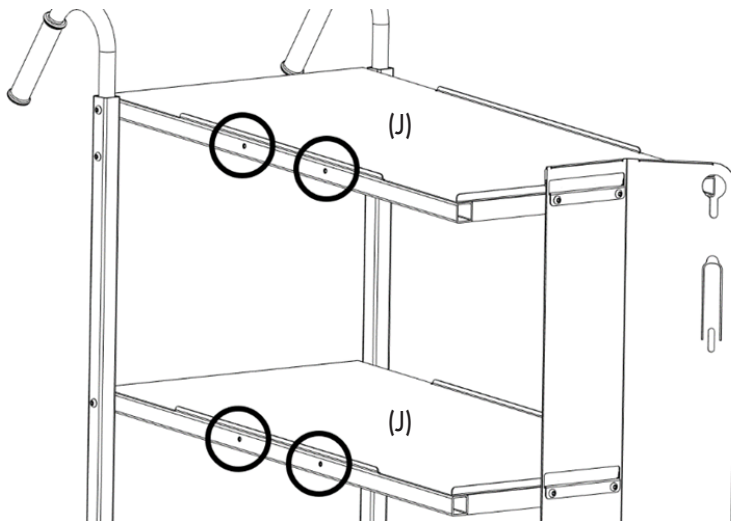


Step 6 (Continued): Attach Nuts (D) onto the rear shelf bolts and tighten them down (Fig. 6.3). Lastly, secure the front shelf tab into the cylinder support with 2 (A) Screws as shown in Figure 6.4 below.



Step 7: Attach both Cable Hooks (Q) with 2 Screws (A) to any of the 12 accessory points on the sides and rear of the cart.

Note: These accessory points are also designed for use with the Forney Accessory Tray (ITEM# 34501 - Sold Separately).



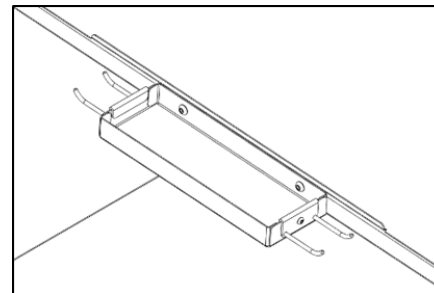
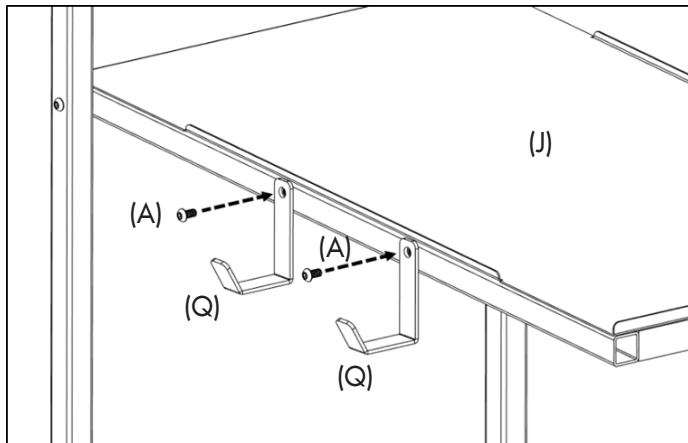
Parts Used in Step 7



(Q) x2



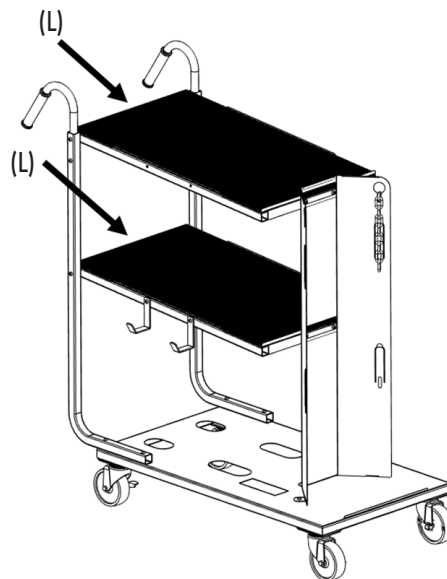
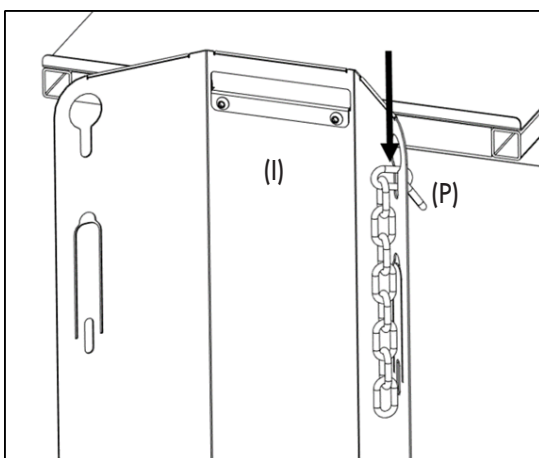
(A) x2



Forney Cart Accessory Tray (ITEM# 34501 - Sold Separately)

Step 8: Install Gas Cylinder Safety Chain (P) by slotting it through the cutout on the front of the Black Cylinder Support (I) as shown below. Lastly, set Black Rubber Shelf Mats (L) on top of both shelves.

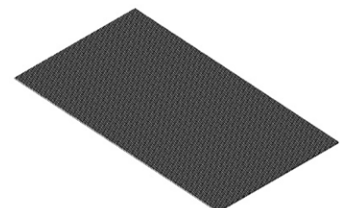
Note: Ensure that the Gas Cylinder Safety Chain (P) is fully slotted in both cutouts and around the bottle, tightly securing the bottle to the cart to prevent it from tipping or falling.



Parts Used in Step 8



(P) x1



(L) x2

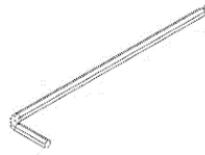
Installation Instructions - Forney Cart Accessory Tray (ITEM# 34501 – Sold Separately)



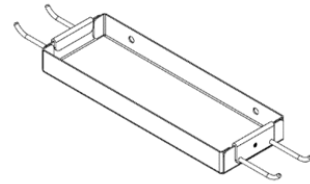
(A) M6 x 12mm
Screw, Black
X2



(B) M4 x 8mm
Screw, Black
X2



(C) 4mm Allen/
Phillips Key
x1



(D) Cart
Accessory Tray,
Green
x1

Step 1: Secure side hooks onto the Green Cart Accessory Tray (D) with 2 (B) Screws as shown in Figure 1.1. Next, install the assembled Green Cart Accessory Tray (D) onto any of the 6 mounting points on the Large Cart using 2 (A) Screws.

Figure 1.1

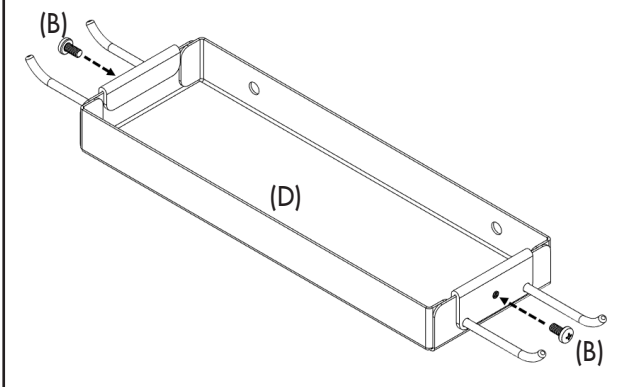
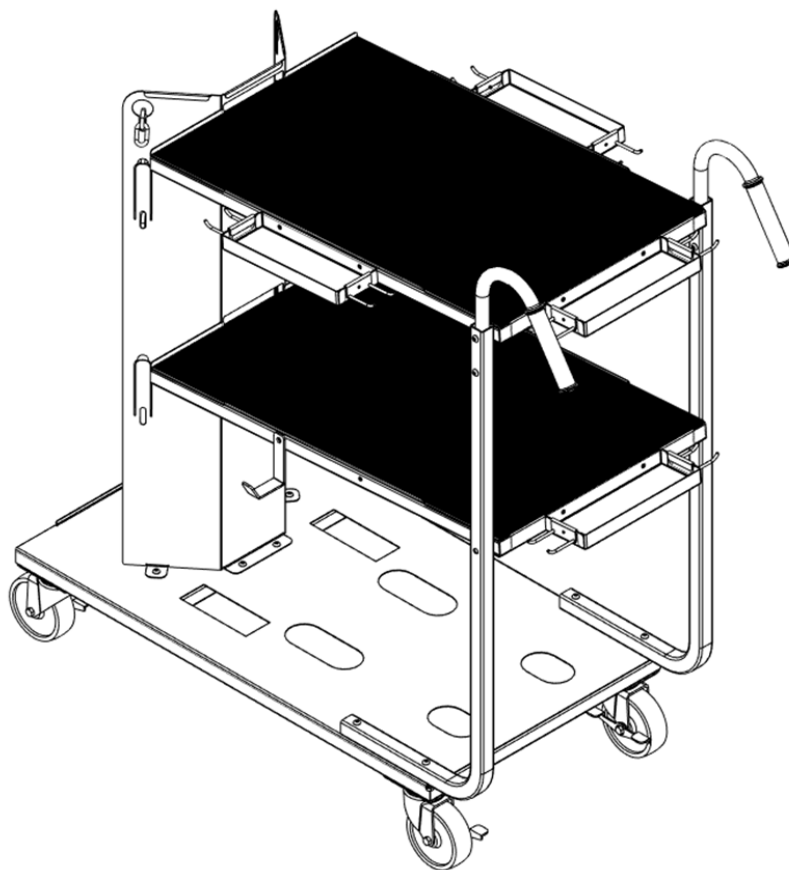
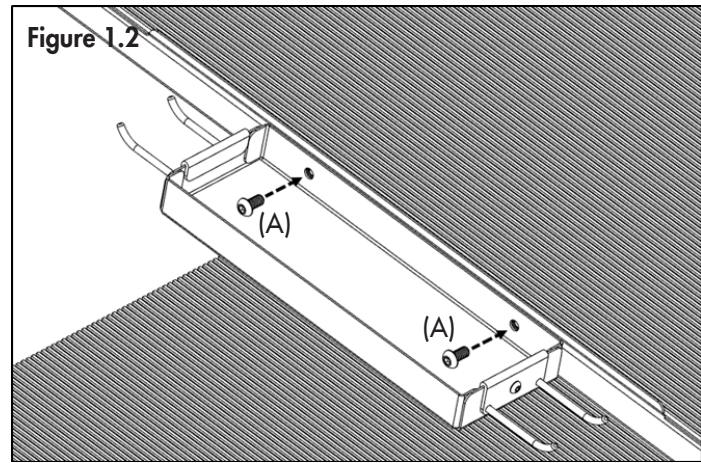


Figure 1.2



Cart Features

Caster Brakes – This cart is equipped with caster brakes. These caster brakes can act to prevent the cart from rolling away on a level surface with minimal incline. **ALWAYS** lock the caster brakes before leaving the cart unattended. **NEVER** locate the cart on a hill, incline, or elevated surface. **NEVER** leave the cart unattended in heavy wind. **NEVER DEPEND ON THE CASTER BRAKES FOR SAFETY OR SECURITY.** Always use caution when positioning the cart. **THE CASTER BRAKES ARE PROVIDED AS A CONVENIENCE BUT ARE NOT TO BE USED AS A SAFETY DEVICE.**

To lock the caster brakes, simply step downward on the locking lever. The lever will move down until it comes to a stop. To unlock the caster brakes, step downward on the traction lines of the locking lever and release it. The casters should automatically unlock, and the lever will return to its original position.

Air Compressor Compatibility – This cart was specifically designed to house Forney's line of Fornair® Compressors on the bottom shelf, turning it into the ultimate welding and plasma cutting station.



Unlocked Wheels

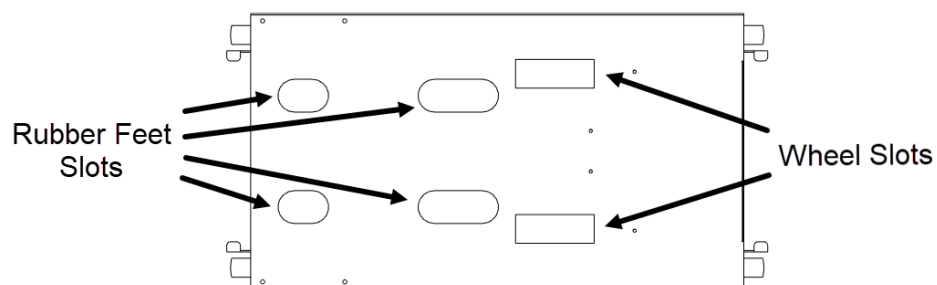


Locked Wheels

Air Compressor Installation

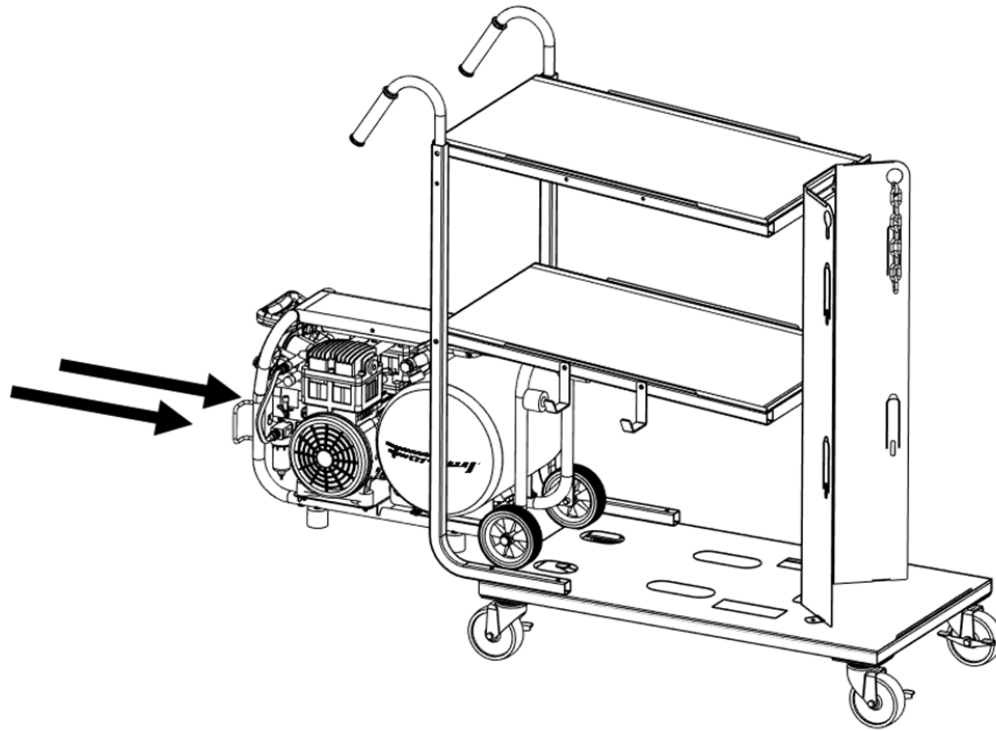
Step 1: Your Forney® Cart is equipped with a specially designed cutout pattern to match the footprint of the 2.5 CFM (ITEM# 550) and 4.5 CFM (ITEM# 555) Fornair® Compressors.

Step 2: Locate the compressor interface hole pattern on the Bottom Shelf (K) of the cart:

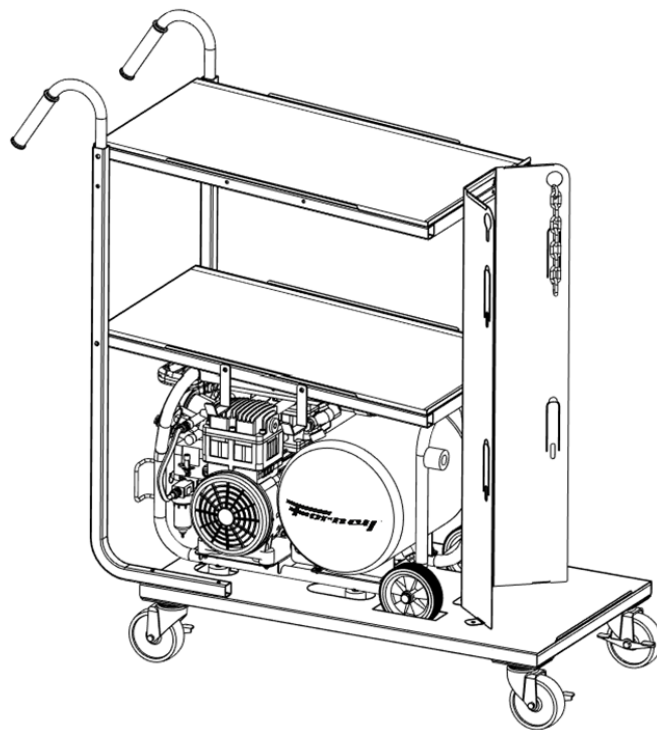


Note: Both Fornair® Compressors have their distinctive footprints, the 2.5 CFM (ITEM# 550) only has 4 rubber foot pegs and will not use the wheel cutouts, while the 4.5 CFM (ITEM# 555) will use all 6 cutouts for its 4 rubber feet and wheels.

Step 3: Lock both casters on the cart and slide your compressor into the bottom shelf on the handle side. Centering the compressor on this shelf will aid in correctly seating the rubber feet to the cutouts on the baseplate.



Step 4: Continue pushing the Fornair® air compressor onto the bottom shelf of the cart until it falls into place on the hole pattern as shown in the figure below. Pull the compressor towards the handles approximately another half inch to ensure that it is located properly in each of the holes.





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