AIR COMPRESSOR

4 GALLON • OIL-FREE • 120 PSI

OWNER'S MANUAL

ITEM# 550

ITEM# 555

ENGLISH

Intertek

ITEM# 550 & ITEM# 555

REV 08.11.2021

FIVE WAYS TO ORDER

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- Fort Collins, CO
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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 in 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 unequaled. We are committed to creating the best solutions to our customer's 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 through empowered people, guided by shared values and commitments.

We work hard so our customers trust us because of our integrity, teamwork and innovation in the welding & metalworking industry. 80 years of unmatched product quality and 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 machine 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 machine 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 machine 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 x2 or customerservice@forneyind.com for inquires, technical and general questions.

Table of Contents

CAUTION!

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

If these instructions are not clear, please contact your Forney Authorized Dealer or Forney Customer Service 1-800-521-6038.

Symbols Legend

SYMBOL	MEANING
	WARNING / CAUTION / DANGER / NOTICE
	LOUD NOISES
	HEALTH HAZARD
	FIRE / EXPLOSION
	PROTECT AGAINST HEAT/FLAME
	ELECTRIC SHOCK
	HIGH TEMPERATURE
	PRESSURIZED CYLINDER

Safety Summary

California Proposition 65 Warning

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov

- 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.

General Safety

- SAVE THESE INSTRUCTIONS. Read and understand all instructions, precautions, and safety warnings before operating this equipment to avoid injury or property damage

Fire Prevention

RISK OF FIRE OR EXPLOSION! During normal operation and use of this air compressor, sparks can be produced by the electrical contacts within the motor housing. If sparks come into contact with flammable liquids, vapors, gases, or other combustible materials, a fire or explosion could erupt causing serious injury, death, or property damage. **ALWAYS** store flammable liquids or other combustible materials in a safe location away from the air compressor. **ALWAYS** operate the compressor in well ventilated areas that are free of flammable liquids, vapors, gases, or other combustible materials. If spraying flammable materials using compressed air, **ALWAYS** locate the air compressor at least 25 feet (7,62m) away from the spray area.

This compressor is air cooled and has numerous ventilation ports. Covering any of these ventilation ports could cause excessive heat to build up within the compressor. This could cause a fire which may result in serious injury, death, or property damage. **NEVER** cover any of the ventilation ports on the compressor. **NEVER** place any object on top of, or leaning against, the compressor during use. **ALWAYS** ensure the compressor has at least 12 inches of open space on all

sides during operation to ensure adequate air flow. This compressor has two cooling fans within the compressor body. ALWAYS verify the fans are mounted on their respective shafts, and free of damage or obstruction before use. If the fan blades are damaged, or if the fan has come free of the shaft, **DO NOT** use the air compressor.

Electric Shock

WARNING: ELECTRIC SHOCK CAN KILL! This air compressor is powered by electricity. Like all other electronic devices, if not used properly it may cause electric shock. Electric shocks can vary in severity from minor pain or tingling to unconsciousness, arc burns, cardiac arrest, and death. To avoid the possibility of electric shock, **NEVER** attempt to use the air compressor in a damp environment or outside while it is raining. **NEVER** attempt to use the air compressor if any of the protective covers are not properly in place.

NEVER attempt to repair any electronic device without the proper training or guidance from a licensed professional. Any repairs to your air compressor should be performed by a Forney Warranty Service Center. To find Warranty Service Centers in your area, please visit www.forneyind.com.

ALWAYS turn off and unplug your air compressor before performing any maintenance procedures.

Loud Noises

LOUD NOISE CAN CAUSE HEARING DAMAGE! Though this air compressor features quiet technology, in some situations the noise can become amplified to potentially dangerous levels. Hearing loss is permanent! ALWAYS use certified hearing protection equipment in accordance with: ANSI S12.6 (S3.19).

Respiratory System Health Hazard

RISK TO RESPIRATORY SYSTEM! The air produced by this compressor may contain harmful vapors, gases, or solid particulates that are not safe for consumption. Breathing any of these toxins can cause serious injury or death. **DO NOT** use the air from this compressor for consumption without additional in-line safety equipment that is in accordance with all local and federal codes, laws, regulations, and guidelines.

Sprayed vapors or liquids such as cleaning products, paint, solvents, paint removers, insecticides, weed killers, etc. could be harmful when inhaled and can lead to serious injury or death. **ALWAYS** operate this compressor in a well-ventilated area. **ALWAYS** use appropriate safety equipment that is in accordance with: OSHA 29 CFR 1910.134.

Pressurized Cylinder

PRESSURE VESSELS MAY BURST! PRESSURE VESSELS MAY BURST! The air tank on your air compressor may be UM coded according to ASME Section VIII, Div. 1 rules. Pressure vessels fail suddenly with an explosion that could cause serious injury, death, or property damage. All pressure vessels including compressed air tanks should be inspected by a state certified vessel inspector 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 phone book.

NEVER attempt to use an air compressor with visible cracks or bulges in the air tank. **NEVER** attempt to repair and re-use a ruptured pressure vessel or air tank.

DRAIN THE AIR TANK AFTER EACH USE. During normal use and operation of your air compressor, water will condense in the air tank. If this water is not drained from the tank after each use, rust may build up inside of the tank, weakening its structural integrity and increasing the likelihood of a catastrophic burst or tank explosion. Proper maintenance is the easiest way to avoid catastrophic tank failure.

Flying Particles

FLYING PARTICULATES ARE DANGEROUS! The compressed air stream can damage exposed skin and clothing and may contain particulates that are propelled at extremely high speeds. **NEVER** point any nozzle or sprayer at any part of the body, other people, or animals.

ALWAYS wear certified eye safety equipment that is in accordance with: ANSI Z87.1.

ALWAYS turn the compressor off, drain the tank, and remove any air hoses before performing any maintenance procedures to avoid accidental exposure to the compressed air stream.

Compressor Temperature

FLYING PARTICULATES ARE DANGEROUS! The compressed air stream can damage exposed skin and clothing and may contain particulates that are propelled at extremely high speeds. NEVER point any nozzle or sprayer at any part of the body, other people, or animals.

ALWAYS wear certified eye safety equipment that is in accordance with ANSI Z87.1.

ALWAYS turn the compressor off, drain the tank, and remove any air hoses before performing any maintenance procedure.

Additional Safety Information

LIFTING HEAVY OBJECTS CAN CAUSE SERIOUS INJURY! Improper heavy lifting techniques can lead to extreme long-term injury. Your air compressor (4.5CFM compressor only) is too heavy to be safely lifted by one person. ALWAYS get help when lifting your air compressor. **ALWAYS** observe proper heavy lifting techniques.

MOVING PARTS CAN CAUSE SERIOUS INJURY! Moving or rotating parts (like the fans in your air compressor) can cause serious injury and soft tissue damage. NEVER operate your air compressor if any of the guards or covers are removed. ALWAYS keep hair, jewelry, and loose clothing away from the compressor.

UNSAFE OPERATION OF THE COMPRESSOR CAN LEAD TO SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE! Read, understand, and follow all of the instructions, precautions, and safety warnings in this manual. **KEEP THIS MANUAL AND ALL WARNINGS FOR FUTURE REFERENCE. KEEP CHILDREN AWAY FROM THE AIR COMPRESSOR AT ALL TIMES. DO NOT OPERATE THIS COMPRESSOR WHILE FATIGUED OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL. NEVER DEFEAT THE SAFETY FEATURES OF THIS AIR COMPRESSOR. EQUIP THE AREA OF OPERATION WITH A FIRE EXTINGUISHER. DO NOT OPERATE THIS COMPRESSOR WITH MISSING, BROKEN, OR UNAUTHORIZED PARTS.**

FALLING OBJECTS CAN CAUSE SERIOUS INJUIRY OR PROPERTY DAMAGE! This air compressor can fall from a table, workbench, or roof and cause serious injury, death, or property damage. **ALWAYS** locate the compressor on a flat secure surface at ground level. **NEVER** position the compressor on a roof or other elevated surface.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE!

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:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- 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 masks specifically designed to meet OSHA 29 CFR 1910.134.

- 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.

WARNING! USE OF THIS TOOL CAN GENERATE AND/OR DISPERSE DUST WHICH MAY CAUSE SERIOUS AND PERMANENT RESPIRATORY ILLNESS OR OTHER INJURY. ALWAYS USE NIOSH/OSHA APPROVED RESPIRATORY PROTECTION APPROPRIATE FOR DUST EXPOSURE. DIRECT PARTICLES AWAY FROM YOUR FACE AND BODY.

WARNING! NEVER MODIFY OR ATTEMPT TO REPAIR THE AIR COMPRESSOR OR ANY OF ITS COMPONENTS. DAMAGE OR PERSONAL INJURY COULD RESULT.

Air Compressor Specifications

Model	2.5 CFM Air Compressor	4.5 CFM Air Compressor
Tank Size	4 Gallons	4 Gallons
Horsepower	1.0 HP	2.0 HP
Maximum Tank Pressure	120 PSI	120 PSI
Running Wattage	900 W MAX	1700 W MAX
Tank Style	Cylinder	Cylinder
Tank Material	Steel	Steel
Decible Rating	61 dB	69 dB
Pump Type	Oil-free	Oil-free
Fitting Size	1/4"	1/4"
Power Source	Electric	Electric
Power Type	Corded-electric	Corded-electric
Start Type	Electric / Auto	Electric / Auto
Stage Count	Single Stage	Single Stage
Voltage	120V	120V
Air Delivery @ 40 PSI	3.1 CFM	5.5 CFM
Air Delivery @ 90 PSI	2.5 CFM	4.5 CFM
Pump-up Time	140 seconds (0-Max PSI)	60 seconds (0-Max PSI)
Recovery Time	25 seconds (85-115 PSI)	15 seconds (85-115 PSI)
AMPS	6A	12.5A
Maximum AMPS	7.1A	13.7A
Certifications	ETL Certified	ETL Certified
Weight	48.5 lbs	70.5 lbs
Length	25"	25"
Width	15"	15"
Height	15"	15"

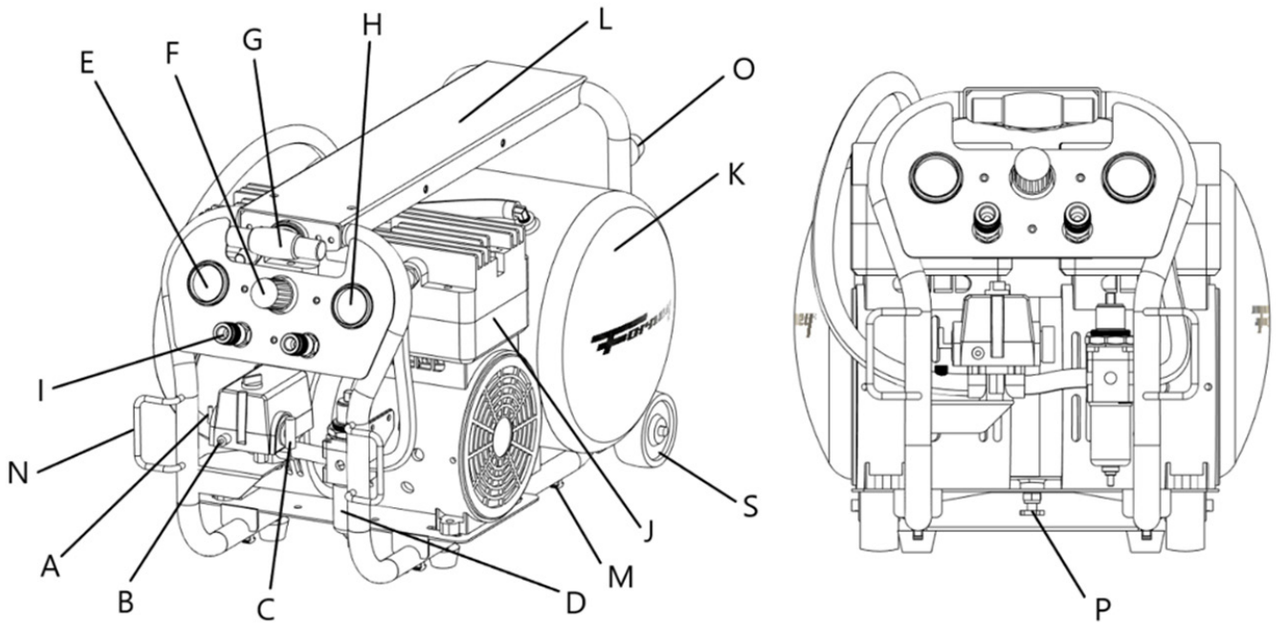
2.5 CFM Air Compressor

SC012-015 (Forney 550)
120Vac, 60Hz, 7.1A, 4Gal
90-120PSI

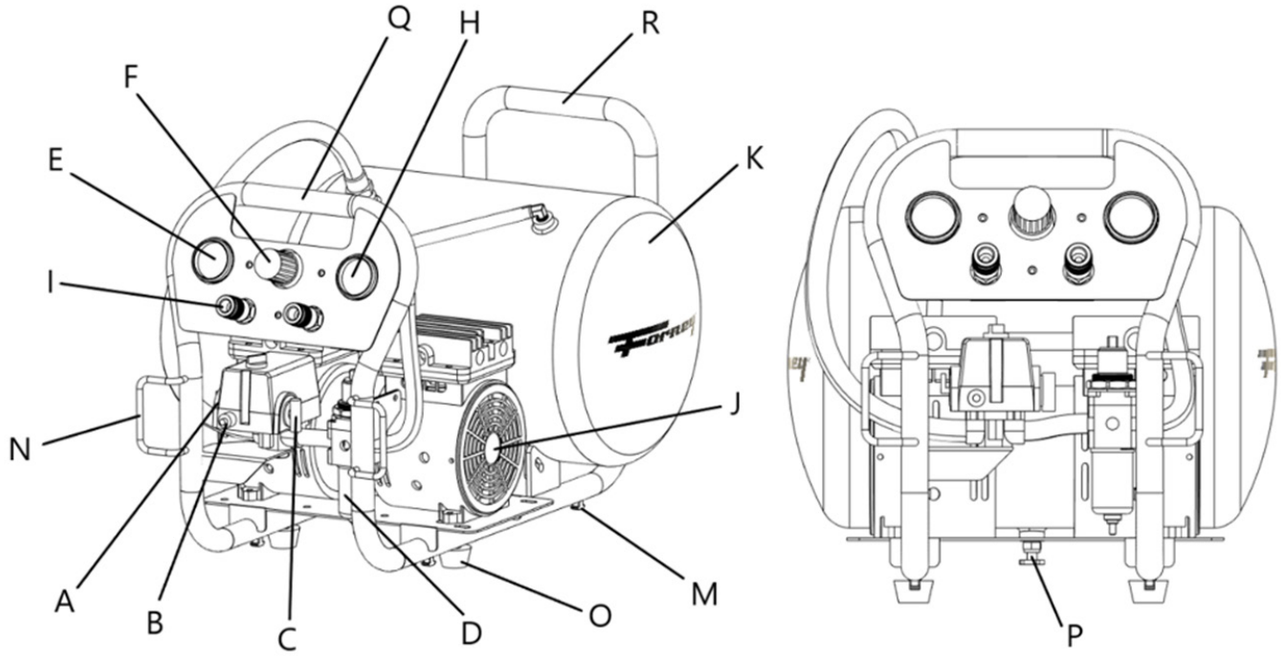
4.5 CFM Air Compressor

SC020-015 (Forney 555)
120Vac, 60Hz, 12.5A, 4Gal
90-120PSI

4.5 CFM Model



2.5 CFM Model



Air Compressor Components

A) On/Off Switch
B) Safety Valve
C) Check Valve
D) Air Filter / Moisture Separator
E) Tank Pressure Gauge
F) Output Pressure Regulator
G) Telescoping Luggage Handle (4.5CFM)
H) Output Pressure Gauge
I) Air Output Quick Connect Ports
J) Compressor
K) 4 Gallon Air Tank
L) Plasma Cutter Rack (4.5CFM)
M) Compressor Cart Interface Pegs
N) Power Cable Wrap
O) Rubber Feet
P) Air Tank Drain Valve
Q) Front Carry Handle (2.5CFM)
R) Rear Carry Handle (2.5CFM)
S) Wheels (4.5CFM)

Air Compressor Components Details

A) On/Off Switch – Rotate the On/Off Switch lever from "Off" to "Auto" to send automatic power to the compressor motor. As long as this switch is in the "Auto" position, the air compressor will automatically refill when the tank pressure drops below a certain limit. Rotate the On/Off Switch lever from "Auto" to "Off" after each use.

B) Safety Valve –The safety valve must be checked for functionality before each use. Simply pull on the ring with your finger to ensure the valve moves freely. The safety valve will automatically let air out of the tank if the tank pressure exceeds cut-off pressure (120PSI).

C) Check Valve – The check will automatically close if the compressor continues to run after cut-off pressure is reached. The check valve functions to prevent dangerous over-pressurization of the tank that could lead to equipment failure, serious injury, death, or property damage.

D) Air Filter / Moisture Separator – Because this compressor is optimized for use with plasma cutting equipment, an in-line air filter / moisture separator is present on the front of the unit. Plasma cutters require clean, dry air that is oil free.

E) Tank Pressure Gauge – This gauge displays the pressure [PSI] inside of the air tank.

F) Output Pressure Regulator – The output regulator allows the user to adjust the pressure of the air flowing out of the tank. This pressure can be less than or equal to the tank pressure.

G) Telescoping Luggage Handle (4.5CFM Unit Only) – The 4.5CFM air compressor model includes a telescoping luggage handle for easy transportation. This handle can be used in the extended or collapsed positions.

H) Output Pressure Gauge – This gauge displays the pressure [PSI] of the air flowing out of the air tank.

I) Air Output Quick Connect Ports – This compressor is equipped with two ¼" quick connect air hose ports.

J) Compressor – This is the electrically driven mechanical component that pressurizes the air tank.

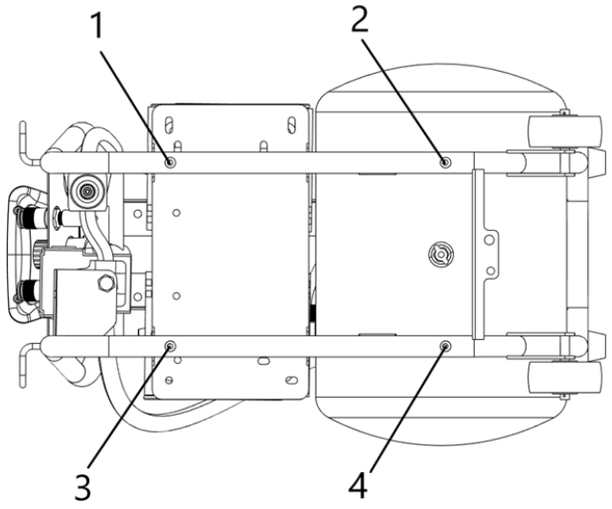
K) 4-Gallon Air Tank – This compressor is equipped with a 4-gallon air tank that was designed and may be UM coded according to ASME Section VIII, Div. 1 rules. All pressure vessels including compressed air tanks should be inspected once every two years. To find your state pressure vessels inspector, search for the Division of Labor and Industries on the internet or in the government section of your local phone book.

L) Plasma Cutter Rack (4.5CFM Unit Only) – The 4.5CFM air compressor is equipped with a plasma cutter rack. Mounting brackets for your Forney Plasma Cutter are sold separately. To determine which mounting brackets you need based on your plasma cutter model, please visit www.forneyind.com.

M) Compressor Cart Interface Pegs – This air compressor was specifically designed to be mounted on a cart for customer convenience. The Compressor Cart Interface Pegs (M) and the Rubber Feet (O) are interchangeable based on the configuration that matches your needs. For normal use, the Rubber Feet should be installed. For use with the Forney Compressor Cart, remove the Rubber Feet and replace them with the Cart Interface Pegs (SEE IMAGES ON NEXT PAGE). For more information on the Forney Compressor Cart, please visit www.forneyind.com.

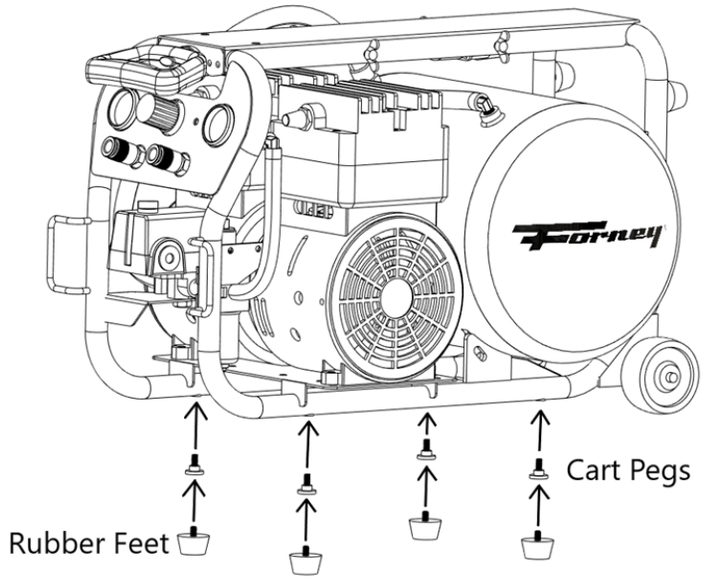
N) Power Cable Wrap – This air compressor has a built-in cable wrap located beneath the control panel for your convenience.

O) Rubber Feet – 4 rubber feet are supplied with your air compressor. These should be installed on the bottom of the compressor and act to prevent the frame of the compressor from contacting the ground. These also act as vibration dampers during compressor operation. Locate the following bolt pattern on the bottom of the compressor frame to install the rubber feet:



Air Compressor Components Details Continued

This air compressor was specifically designed to be mounted on a cart for customer convenience. The Compressor Cart Interface Pegs (M) and the Rubber Feet (O) are interchangeable based on the configuration that matches your needs. For normal use, the Rubber Standing Feet should be installed.



P) Air Tank Drain Valve – The air tank drain valve allows you to drain the air tank after each use. This valve is located on the bottom of the air tank. During normal use and operation of your air compressor, water will condense in the air tank. If this water is not drained from the tank after each use, rust may build up inside of the tank weakening its structural integrity. Turning the head of the valve counterclockwise will open the tank valve, and turning it clockwise will close the tank valve.

Q) Front Carry Handle (2.5CFM Unit Only) – Because the 2.5CFM air compressor is relatively light, it can be safely lifted if proper lifting techniques are used. For this reason, the air compressor has a front and rear carry handle for your convenience.

R) Rear Carry Handle (2.5CFM Unit Only) – Because the 2.5CFM air compressor is relatively light, it can be safely if proper lifting techniques are used. For this reason, the air compressor has a front and rear carry handle for your convenience.

S) Wheels (4.5CFM Unit Only) – Because the 4.5CFM air compressor is too heavy to lift by yourself, dolly wheels are included for your convenience. The air compressor can easily be moved from location to location when using the dolly wheels in conjunction with the telescoping luggage handle (G).

Operation

The following procedure explains in detail how to operate your air compressor. These instructions are identical for both the 2.5CFM and 4.5CFM compressor units.

1. **Choose a suitable location for your air compressor.** The air compressor should be placed on a flat surface at ground level away from any and all flammable materials, liquids, vapors, or gases. If compressed air is needed above ground level (i.e. on a roof), use longer air hoses. DO NOT use your air compressor in a damp environment or outside while it is raining. The air compressor should have at least 12 inches of open space on all sides to allow for adequate cooling air flow. If spraying flammable materials, locate the compressor at least 25 feet away from the spray area.
2. **Plug in your air compressor.** Your compressor should be plugged into a standard 110-120 Volt wall outlet on an independent 15-20 Amp circuit leg that is properly grounded. DO NOT remove the ground pin from the electrical plug on the compressor.
    a. ***If using an extension cord:***
        i. The extension cord must have a 3-blade grounding plug and a 3-slot receptacle that will accept the air compressor plug.
        ii. The extension cord should be no longer than 25 feet. Using an extension cord that is longer

than 25 feet will cause a voltage drop at the compressor and will limit compressor performance.

iii. The extension cord should be at least 12 gauge (AWG) or larger. Note, wire sizes increase as the gauge number decreases. DO NOT USE 14, 16, or 18 AWG EXTENSION CORDS.

3. **Use appropriate safety equipment. ALWAYS** use the following safety equipment when operating your air compressor:
    a. **Respirator** that is in accordance with ANSI Z88.2.
    b. **Hearing protection** that is in accordance with ANSI S12.6 (S3.19).
    c. **Eye protection** that is in accordance with ANSI Z87.1.
4. **Ensure that the air tank drain valve is closed.** Locate the air tank drain valve on the bottom of the air tank. Ensure that it is fully closed by turning it clockwise until it comes to a stop.
5. **Turn on your air compressor.** Locate the On/Off switch and rotate the switch lever from "Off" to "Auto". The compressor should kick on and the tank should start filling with compressed air. Once the tank pressure reaches 125 PSI, the compressor should turn off automatically. The compressor will automatically refill the tank when the tank pressure reaches approximately 90 PSI.
6. **Connect air hoses.** Your compressor is equipped with quarter inch (1/4") universal quick connect air couplers. To attach the air hose, slide back the collar on the quick connect port, insert the male end of the air hose into the quick connect port, and release the collar.
7. **Adjust the output pressure.** Before making any adjustments, ensure the tank is fully pressurized and the compressor has stopped. Turning the knob clockwise will increase the output pressure and turning it counterclockwise will decrease the output pressure.
8. **Turn off the air compressor.** When finished using the air compressor, turn it off by rotating the On/Off switch lever from the "Auto" position to the "Off" position.
9. **Drain the air tank.** The air tank must be drained after each use. Locate the air tank drain valve and open it slowly by turning the valve head counterclockwise. Once air starts hissing out of the tank, continue to rotate the valve head counterclockwise by approximately half of a turn. It is normal for water to spray out of the tank during this process. Once completed, close the air tank valve.
10. **Storage.** Store the air compressor in a clean, dry, non-freezing environment at ground level. **DO NOT** store the compressor on a table, workbench, shelf, etc. to avoid injury or property damage.

Motor Overload Protection

Your new air compressor is equipped with automatic thermal overload protection. If the compressor motor overheats for any reason, it will automatically shut down.

If your air compressor enters thermal protection mode, the motor must be allowed to cool for at least one hour. **DO NOT** attempt to use the air compressor during this cooling period.

Disconnecting Air Hoses

When finished using your air compressor, disconnect air hoses from the control manifold using the following steps:

1. Ensure that the air tank is completely empty. The air tank pressure gauge must read 0 PSI.
2. Slide back the quick connect collar on the air compressor to release the air hose.

Compressor Break-In Procedure

Before the first use of your air compressor (or if any major compressor components have been recently replaced), please follow the following break-in procedure to ensure optimum performance:

1. After verifying the air compressor is unplugged and powered off, open the air tank drain valve by rotating the valve head counterclockwise.
2. Plug the air compressor into an appropriate 110-120V wall outlet.
3. Rotate the On/Off switch lever from the "Off" position to the "Auto" position. The compressor will start up automatically.
4. Allow the air compressor to run continuously for 20 minutes.
5. Rotate the On/Off switch lever from the "Auto" position to the "Off" position.
6. Unplug the air compressor.
7. Close the air tank drain valve by rotating the valve head clockwise until it comes to a stop.

Maintenance

Adhering to a strict maintenance schedule and following proper maintenance procedures will dramatically increase the life of this machine.

WARNING! To reduce the risk of serious personal injury, ensure that the air compressor is turned off and unplugged from its power source before performing the maintenance procedures below!

The following procedure must be followed before performing any maintenance on the air compressor:

1. Ensure that the On/Off switch lever is in the "Off" position.
2. Ensure that the air compressor is not plugged into an electric power source.
3. Drain the compressed air tank by opening the air tank drain valve.
4. Allow the compressor to cool for at least 1 hour if recently used.

NOTICE! Any maintenance or service operations that are not included in the following table should be performed by a trained Forney Warranty Service Technician or authorized Forney Warranty Service Center. To find an authorized Forney Warranty Service Center in your area, please visit www.forneyind.com.

Air Compressor Maintenance Chart

Procedure	Daily	Weekly	Monthly	Every Two Years
Check Safety Valve	●			
Drain Air Tank	●			
Check for Unusual Noise	●			
Check for Unusual Vibration	●			
Check for Air Leaks			●	
Clean Compressor Exterior		●		
Pressure Vessel Inspection				●

Safety Valve Check – Before starting the compressor, pull the ring on the safety valve to ensure that it opens smoothly. If the valve is stuck or does not open smoothly, it must be replaced with the same type of valve.

Drain the Air Tank – During normal use and operation of your air compressor, water will condense in the air tank. If this water is not drained from the tank after each use, rust may build up inside of the tank, weakening its structural integrity. Open the tank valve by turning the head of the valve counterclockwise; close the tank valve by turning the valve clockwise.

Check for Unusual Noise – During normal use and operation of the air compressor, the sound of the compressor should be relatively constant. If your air compressor starts making unusual noises, immediately turn the compressor off and inspect the compressor to identify the cause.

Check for Unusual Vibration - During normal use and operation of the air compressor, the vibration levels should be relatively constant. If your air compressor exhibits unusual vibration, immediately turn the compressor off and inspect the compressor to identify the cause.

Check for Air Leaks – Apply a solution of soapy water to all joints and air connections while the compressor is pressurizing the air tank. If an air leak is identified at one of the joints, turn off, unplug, and drain the compressor of compressed air before attempting to tighten or repair the connection. WARNING! NEVER attempt to use an air compressor with visible cracks or bulges in the air tank. NEVER attempt to repair and re-use a ruptured pressure vessel or air tank.

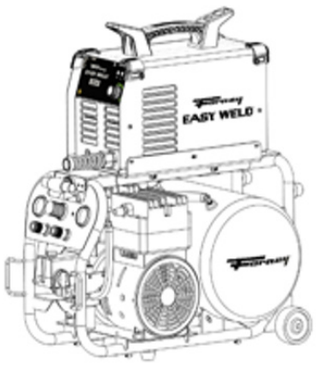
Clean the Compressor Exterior – Wipe the exterior of the compressor free of all dust and debris. DO NOT spray or use water / liquid to clean the exterior of the air compressor.

Pressure Vessel Inspection - The air tank on your air compressor may be UM coded according to ASME Section VIII, Div. 1 rules. 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 phone book.

Accessories

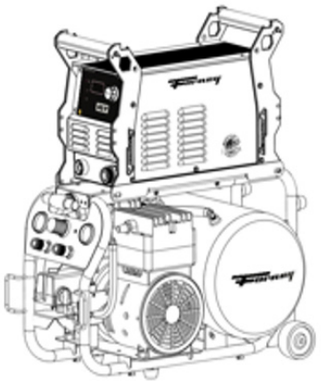
WARNING! Accessories other than those offered by Forney Industries have not been tested with this equipment and could therefore pose a potential risk of injury and property damage. To reduce the risk of injury, only use official Forney accessories with this product.

Recommended accessories for use with this air compressor are available at extra cost from your local dealer or authorized service center. If you need assistance locating any accessory for your air compressor, please contact Forney Customer Service at 1-800-521-6038.



Forney Easy Weld 20 P Plasma Cutter and Mounting Brackets

The Forney Easy Weld 20 P Plasma Cutter is the perfect tool for the DIY enthusiast. Weighing in at just over 20 lbs., the Forney Easy Weld 20 P plugs right into a standard 120V wall outlet and slices through ¼" steel with ease. The 4.5 CFM air compressor was specifically designed to be an all-in-one plasma cutting station. Optional brackets can be purchased that allow you to mount your Forney Easy Weld 20 P Plasma Cutter right on top of the 4.5 CFM compressor, creating the ultimate tool for ¼" or less demanding plasma cutting jobs.



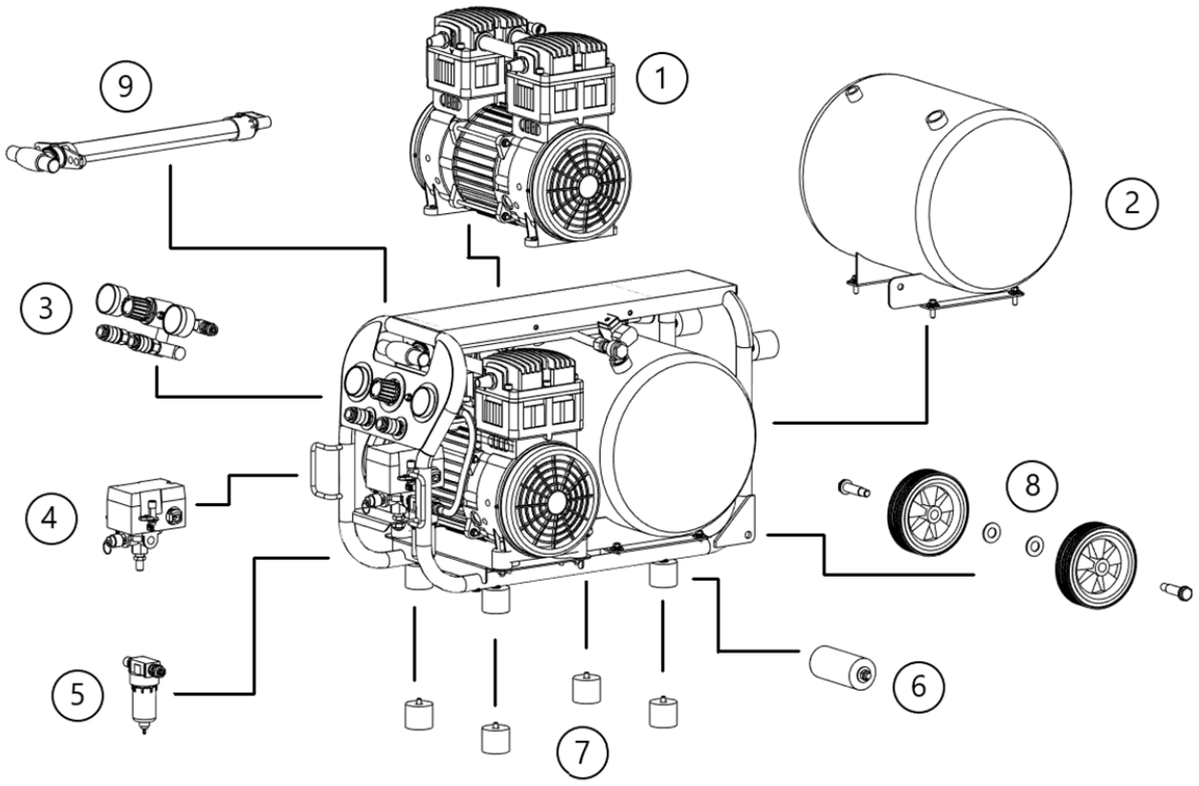
Forney 40 P Plasma Cutter and Mounting Brackets

The Forney 40 P Plasma Cutter is the perfect tool for the professional or advanced DIY enthusiast! It will clean cut ½" and sever up to ¾" solid steel. The 4.5 CFM air compressor was specifically designed to be an all-in-one plasma cutting station and optimized to run the Forney 40 P Plasma Cutter. Optional brackets can be purchased that allow you to mount your Forney 40 P Plasma Cutter right on top of the compressor creating the ultimate tool for demanding plasma cutting jobs.

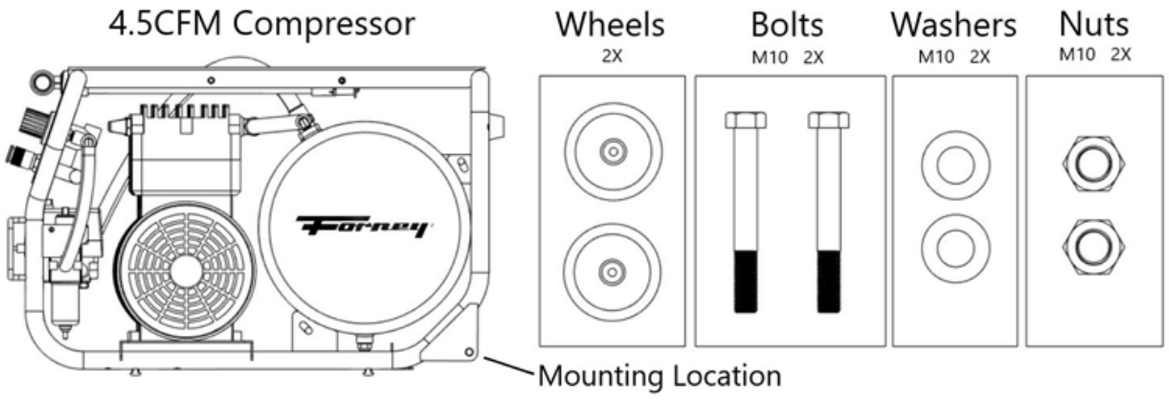
Parts List & Exploded Views

4.5 CFM Air Compressor Replacement Parts		2.5 CFM Air Compressor Replacement Parts	
Part #	**Description**	**Part #**	**Description**
1	4.5 CFM Compressor Motor Assembly	1	2.5 CFM Compressor Motor Assembly
2	4 Gallon Air Tank	2	4 Gallon Air Tank
3	Air Output Regulation Manifold Assembly	3	Air Output Regulation Manifold Assembly
4	Power / Control Box Assembly	4	Power / Control Box Assembly
5	Air Filter / Moisture Separator	5	Air Filter / Moisture Separator
6	Capacitor Assembly	6	Capacitor Assembly
7	Rubber Feet / Cart Interface Pegs	7	Rubber Feet / Cart Interface Pegs
8	Wheel Kit	Forney Customer Service: 1-800-521-6038	
9	Telescoping Luggage Handle		

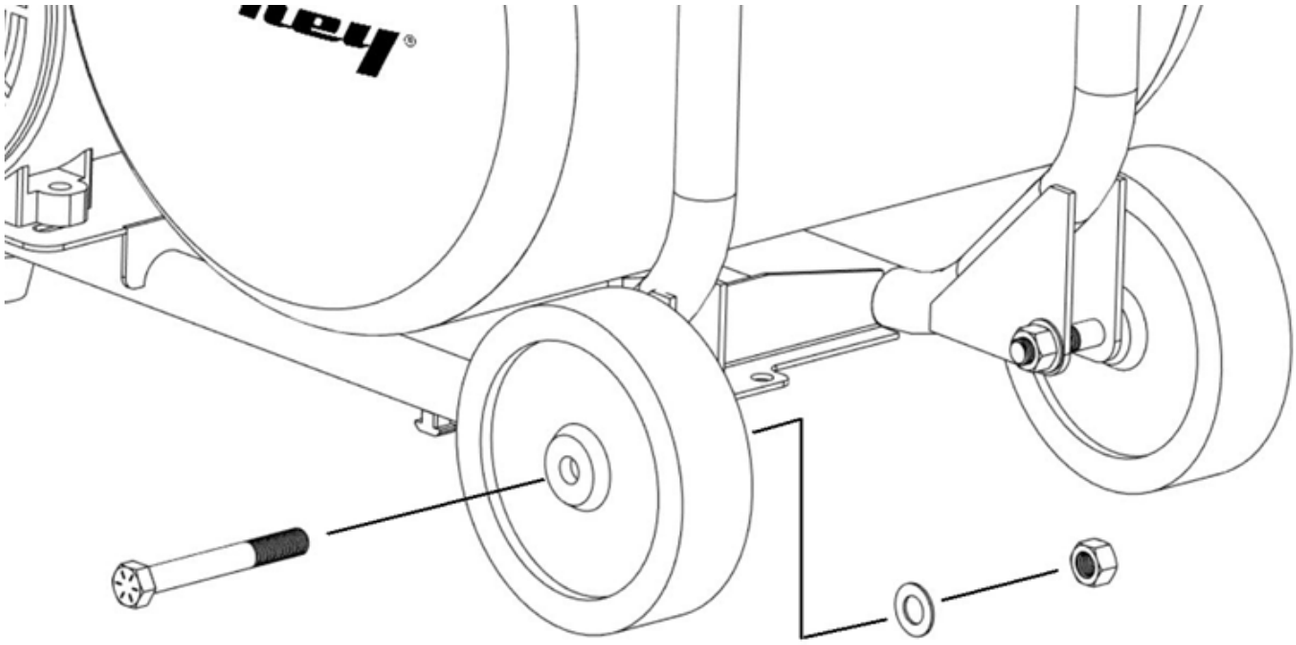
4.5 CFM Air Compressor



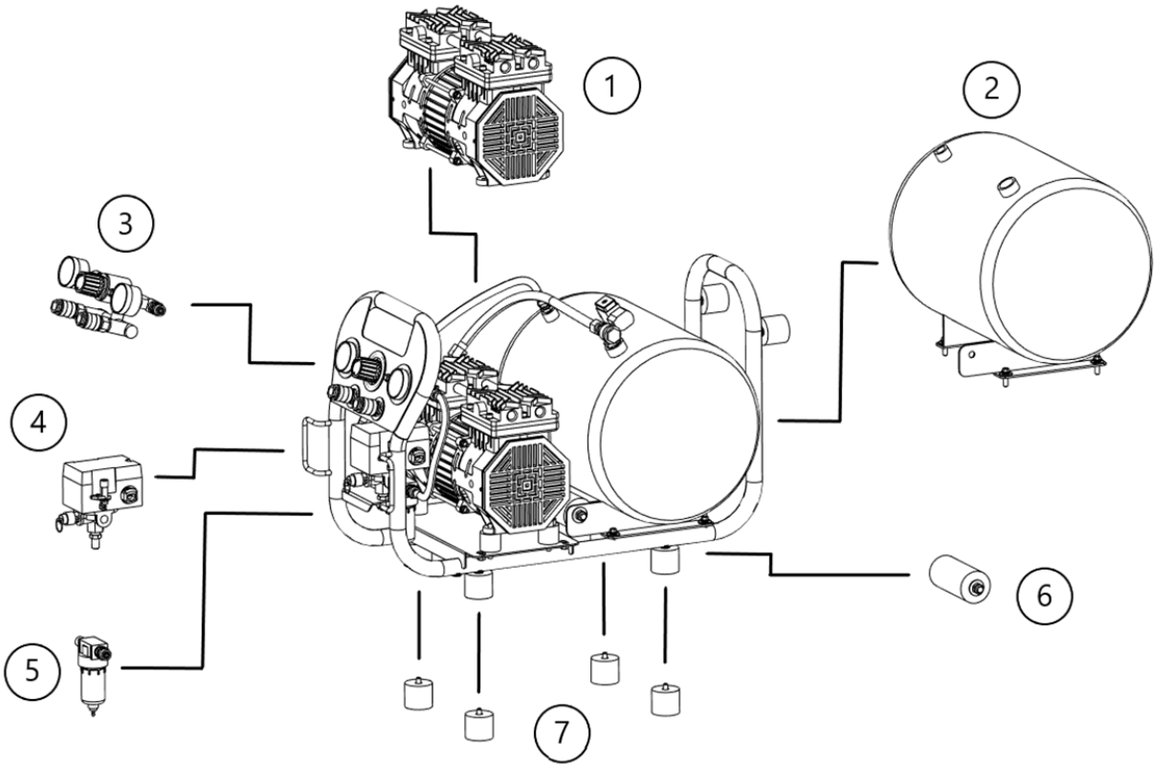
Wheel Kit Installation (4.5 CFM Model Only)



Wheel Kit Installation (4.5 CFM Model Only) Continued



2.5 CFM Air Compressor



User Notes

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