Owner's Manual

RED DOG TRAIL WELDER

By J Web's Fab

This guide is intended to discuss setup pertaining to this welder and is not a guide on how to weld. For general welding instructions and tips, please seek additional information elsewhere.

General Safety

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference. Protect yourself and others. Read and understand this information.

- Please disconnect all vehicle battery cables from the batteries that are being used to weld. It is possible for voltage to back-feed into the vehicle system, which can damage the vehicle's charging systems or computers. If vehicle cables are not disconnected from the battery, they can short from the vehicle's ground cable to the welder's workpiece clamp. This can be a fire hazard.
- Keep out of reach of children. Keep children and bystanders away while operating.
- Avoid unintentional starting. The welding tip is live as soon as all connections are made. Make sure you are prepared to begin work before connecting the main clamp of the welder.
- Place the welder and batteries (if removed from the vehicle) on a stable surface before use. If these fall while plugged in, severe injury, property damage, electric shock, or fire may result.
- Do not overreach. Keep proper footing and balance at all times.

- Be aware of your surroundings and remember you are operating a high-voltage tool that can cause severe injury if used improperly. It is not recommended to use this welder while standing in water.
- Stay alert, watch what you are doing, and use common sense when operating this or any welder. Do not use a welder while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating any welder may result in serious personal injury.
- Never leave the welder unattended while energized. Disconnect the main clamp from the battery if you have to walk away.
- Welding releases harmful fumes. It is not recommended to use this or any welder in poorly ventilated areas.
- Lithium batteries are not recommended for use with any welder, as they are known for instability during discharge and can explode or cause a fire.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product but must be supplied by the operator.

Operation Instructions

Prior to connecting the welder, ensure the parts/area to be welded have been properly cleaned and prepped to ensure proper weld penetration.

1. Disconnect all vehicle battery cables from two lead-acid or gel-cell vehicle batteries.

2. Connect the black jumper cable from battery 1 positive to battery 2 negative.

3. Connect the red jumper cable from battery 2 positive to the workpiece.

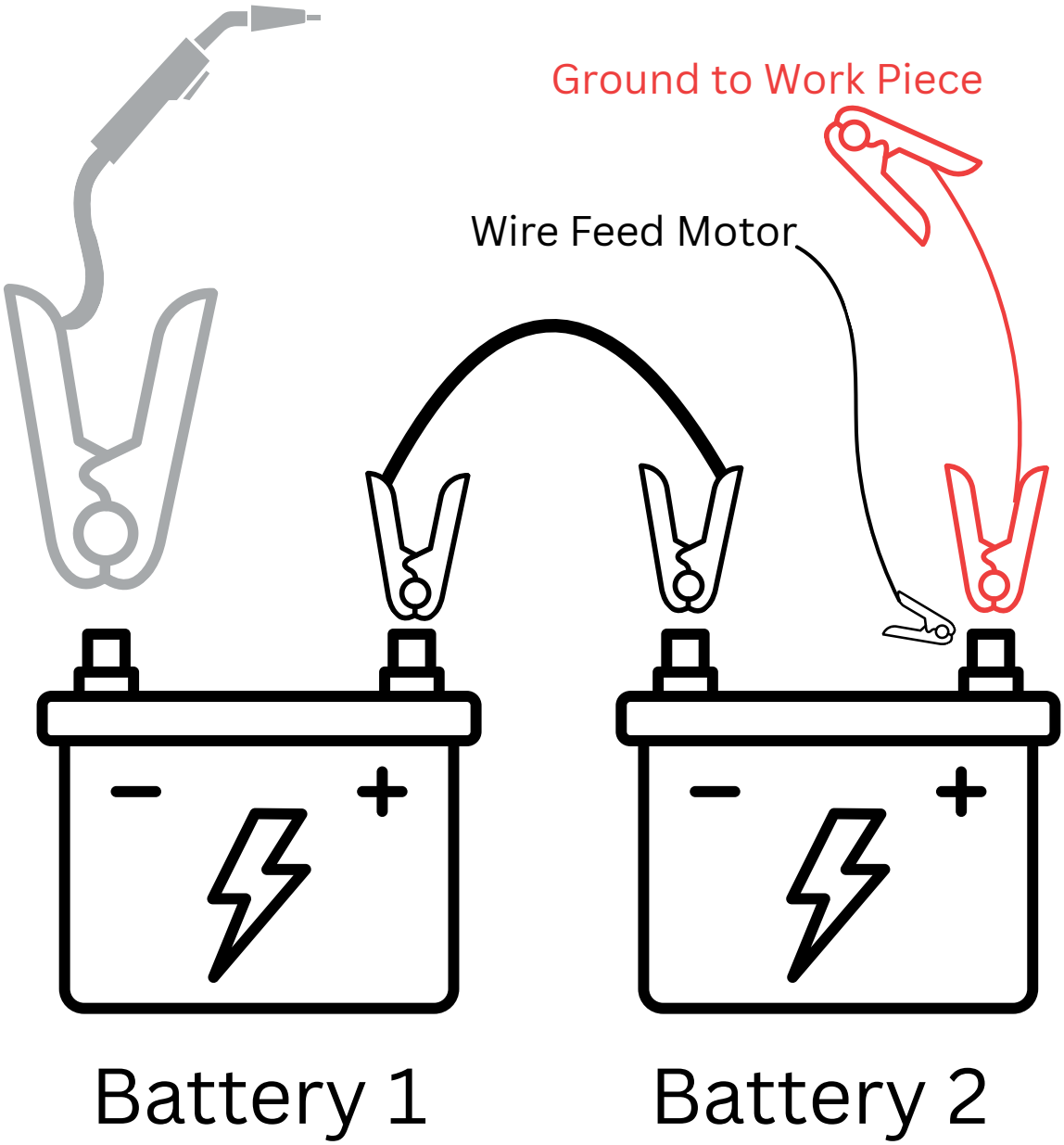
4. Connect the small clamp from the welder to battery 2 positive. This only powers the wire-feed motor.

5. Ensure the welder gun is not making contact with any metal surfaces. Connect the large clamp from the welder to battery 1 negative.

WELDER IS HOT AT THIS TIME!

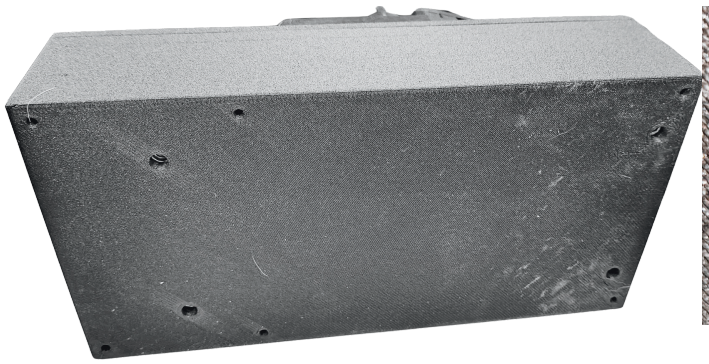
6. If equipped*, press the yellow wire-speed dial to turn the wire feed on
*This is only applicable to a few early-run welders. All newer welders are equipped with wire-speed controllers and are ready as soon as they get power.

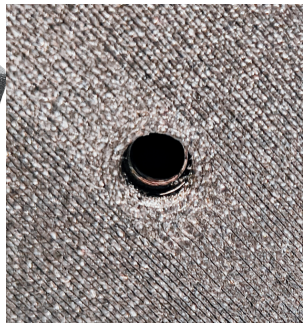
7. Set the wire speed to your preference. Recommended speed is 50.



All Cables are labeled for ease of set up

Mounting Instructions





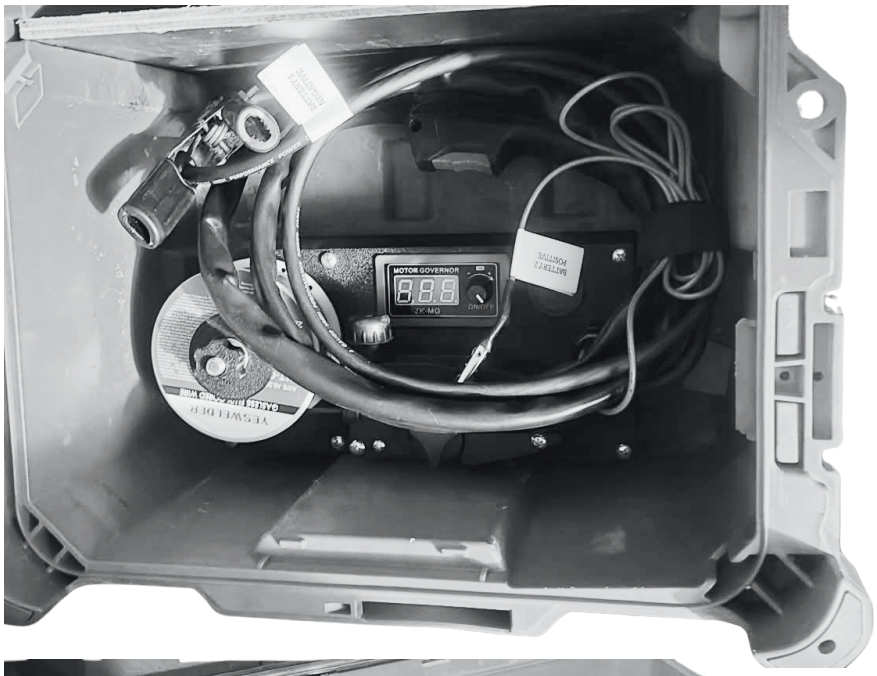
All Red Dog Trail welders with a black body include four ¼"-20 bolts and have nuts built into the box for easy mounting of the welder body into a toolbox or other container if desired.

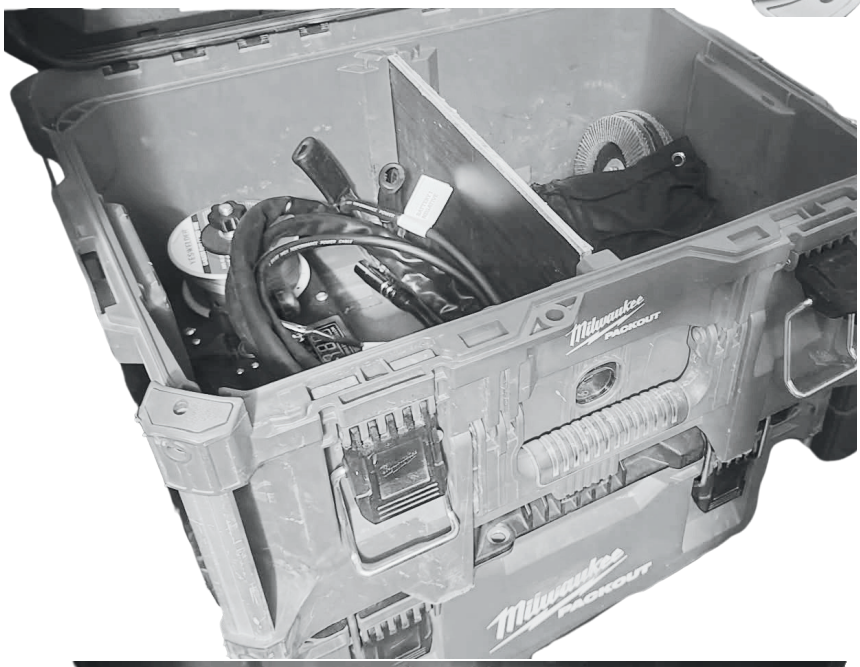
- Measure and mark hole locations in your desired container.
- Drill ¼" holes as needed.
- Remove the bolts from the bottom of the welder.
- Place the welder inside the container and secure the bolts from the bottom up.

The welder and jumper cables fit well in half of a standard Packout-style stackable toolbox and large Pelican/Apache-style cases.

The welder alone will fit well in a 50-cal ammo can. The jumper cables have their own carrying case, so this is an excellent option for those in a classic Jeep who want to keep that old school military look.

*** Please be careful not to overtighten the bolts! ¼" bolts require only 4.5 ft-lbs of torque, and these bolts are only needed to help keep the welder from bouncing around inside the container. The welder body is plastic and could crack if overtightened.


MOTOR GOVERNOR
888
2K-MG
ON/OFF
BATTERY 2
POSITIVE
YESWELDER
CABLES STRAP-OPEN WIRE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Warranty Information

For a period of 2 years from the date of purchase, all parts are guaranteed to be free of defects.

If electrical parts fail or the casing separates, the unit can be shipped back for repairs or replacement at no charge during the warranty period.

If the unit is damaged by abuse or accident, or if the warranty period has ended, please contact us for estimates on repairs.

Thank You for supporting our small business!