

Have only trained and qualified persons install, operate, or service this unit. Call your distributor or the equipment manufacturer if you do not understand the directions.

For WELDING SAFETY and EMF information, read Owner's Manual.

All directions are given as facing front panel.

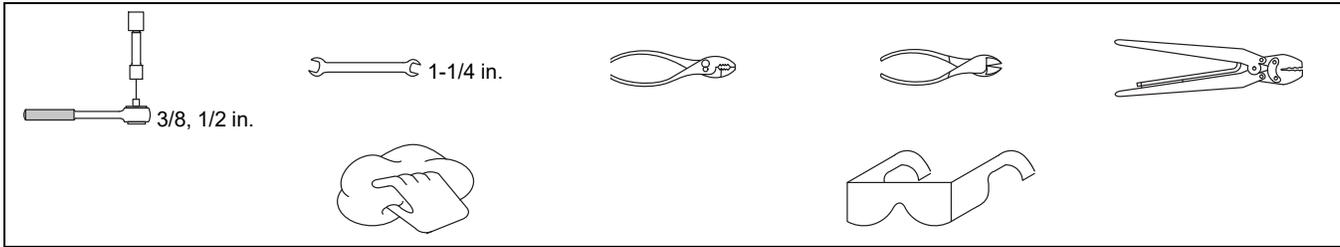
Keep hardware for reuse.

Staple these instructions inside Owner's Manual.

1. Safety Symbol Definitions

	<p>DANGER! - Indicates a hazardous situation which, if not avoided, will result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p>		<p>Hydraulic equipment can injure or kill. Incorrect installation or operation of this unit could result in equipment failure and personal injury. Only qualified persons should install, operate, and service this unit according to its Owner's Manual, industry standards, and national, state, and local codes.</p> <p>Do not exceed the rated output or capacity of the hydraulic pump or any equipment in the hydraulic system. Design hydraulic system so failure of any hydraulic component will not put people or property at risk.</p> <p>Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied.</p> <p>Do not work on hydraulic system with unit running unless you are a qualified person and following the manufacturer's instructions.</p> <p>Do not modify or alter hydraulic pump or manufacturer supplied equipment. Do not disconnect, disable, or override any safety equipment in the hydraulic system.</p> <p>Use only components/accessories approved by the manufacturer.</p> <p>Keep away from potential pinch points or crush points created by equipment connected to the hydraulic system.</p> <p>Do not work under or around any equipment that is supported only by hydraulic pressure. Properly support equipment by mechanical means.</p>
	<p>Indicates a hazardous situation which, if not avoided, could result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p>		
<p>NOTICE – </p>	<p>Indicates statements not related to personal injury. Indicates special instructions.</p>		
<p>CALIFORNIA PROPOSITION 65 WARNINGS WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov</p>			
	<p>Beware of electric shock from wiring. Stop engine and disconnect negative (-) cable from battery before installing this kit. Reinstall all panels and covers.</p>		
	<p>Using a generator indoors CAN KILL YOU IN MINUTES. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell. NEVER use inside a home or garage, EVEN IF doors and windows are open. Only use OUTSIDE and far away from windows, doors, and vents.</p>		
	<p>Moving parts can injure. Keep away from fans, belts and rotors. Keep all doors, panels, covers, and guards closed and securely in place. Keep hands, hair, loose clothing, and tools away from moving parts. Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied. Have only qualified people remove guards or covers for maintenance and troubleshooting as necessary. Reinstall doors, panels, covers, or guards when servicing is finished and before starting engine.</p>		<p>Hydraulic fluid can injure or kill. Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied.</p>
	<p>Hot parts and fluid can cause severe burns. Do not touch hot parts bare handed or allow hot fluid to contact skin. Allow cooling period before working on equipment. To handle hot parts, use proper tools and/or wear heavy, insulated welding gloves and clothing to prevent burns.</p>		<p>Relieve pressure before disconnecting or connecting hydraulic lines. Check hydraulic system components and all connections and hoses for damage, leaks, and wear before operating unit.</p>
			<p>Wear protective equipment such as safety glasses, leather gloves, heavy shirt and trousers, high shoes, and a cap when working on hydraulic system.</p>
			<p>Use a piece of paper or cardboard to search for leaks—never use bare hands. Do not use equipment if leaks are found. HYDRAULIC FLUID is FLAMMABLE—do not work on hydraulics near sparks or flames; do not smoke near hydraulic fluid. Reinstall doors, panels, covers, or guards when servicing is finished and before starting unit. If ANY fluid is injected into the skin or body seek medical help immediately.</p>

2. Tools Needed

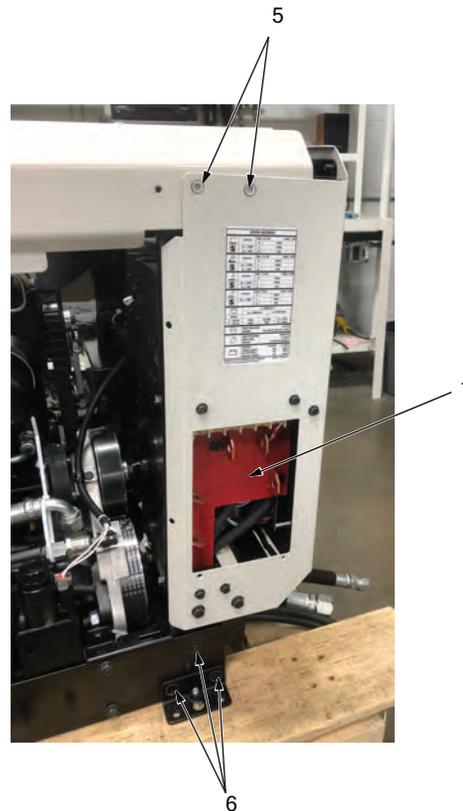
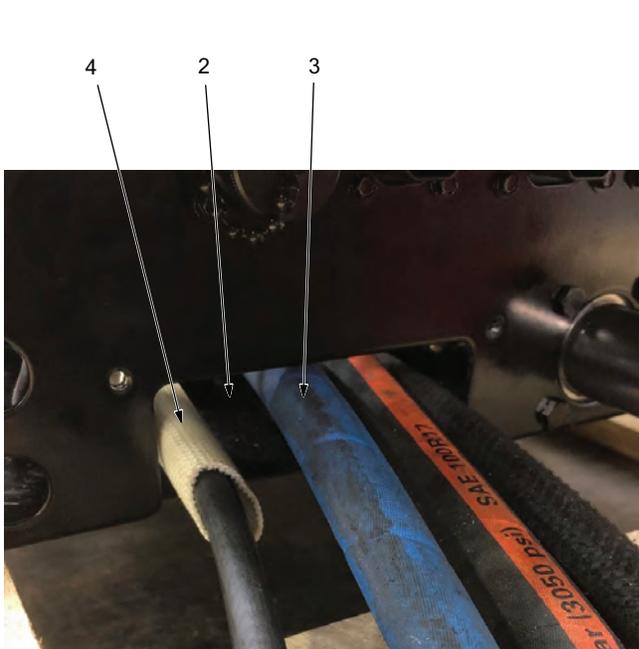


3. Parts List

291818 Kit, Service EnPak A60 Hose And Wire Protection

Item No.	Part No.	Description	Quantity
	288947	Plate, Slide Down	1
	228008	Tubing, GI Acryl 1.000–1.036 Id 8.000 Nat Fa1	1
	034377	Term, Ring Tng 312 Stud Solistrand 2ga	1
	291499	Tubing, Corrugated Nylon Unslit 30in	1
	038502	Cable Tie	2

4. Preparing Unit For Kit Installation



⚠ Stop engine and let cool.

⚠ Disconnect the battery cables from the truck battery.

- 1 Connection Box
- 2 Cable Access Opening
- 3 Air Discharge Line
- 4 Fuel Lines

Remove existing hose retaining bracket from cable access opening. Discard bracket.

Disconnect air discharge line from compressor and remove completely from machine.

Using a rag, disconnect and remove both fuel lines from machine. Mop up any fuel.

5 Inverter Module Top Screws (4)

Remove four 1/4–20 screws near top of inverter module (two per side).

6 Inverter Module Bottom Screws (6)

Remove six 5/16 screws at bottom of inverter module (three per side).

5. Positive Battery Cable Protection



⚠ Disconnect the battery cables from the truck battery.

Remove battery positive cable from starter stud.

Cut the lug off end of cable.

Pull cable out the back of the machine through the cable access opening.

Inspect cable and replace if jacket is swollen or damaged. Contact factory service.

Install the supplied corrugated tubing (291499) over the cable. Tubing should be installed so it ends 3 in. (76 mm) from the end of the cable.

Crimp supplied lug (034377) to cable.

Carefully route positive cable back into the machine. Cable should be fed between engine mount casting and base as shown. Attach cable to starter stud.

6. Installing New Retaining Bracket



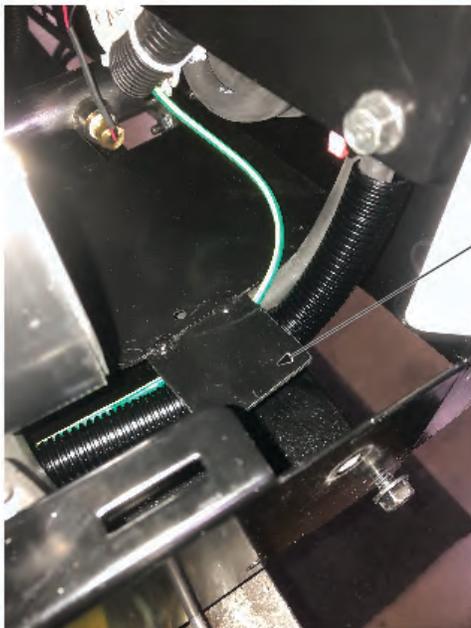
1 New Retaining Bracket

Slide both hydraulic lines over toward right side of opening (near sump pipe).

Insert bracket into opening, right part first, over the hydraulic lines.

Lift the inverter module slightly to make room for the left side of bracket to slide between the bulkhead and base.

Pull battery cables toward the side of the base to clear the left side of the bracket while pushing the bracket completely in; the bracket should reach under the crossmember.



7. Reinstalling Lines And Hoses



- 1 Fuel Lines
- 2 Sleeving (Supplied)

Put enclosed sleeving over both fuel lines.

Insert both fuel lines back into the machine through the left side of the large hose opening next to the battery cables. Do not use the small holes in the bulkhead for these lines.

Sleeving should be positioned as shown with approximately 1 in. of sleeving outside of the base of the machine. Use supplied cable tie to secure sleeving in this location. Secure to the battery cables.

- 3 Air Discharge Hose
- 4 Hydraulic Lines

Insert air discharge hose between fuel lines and hydraulic lines.

Route and attach to compressor.

Check all hose routing for pinch points and rubbing on moving objects such as the drive shaft, belts, or pulleys. Make sure all hoses and cables are below retaining bracket.

Lower hose retaining bracket onto hoses and tighten screws to secure hoses.

Connect truck battery cables to terminals in connection box.

Reinstall top and bottom inverter module screws to secure the inverter.



- 1
- 3
- 4