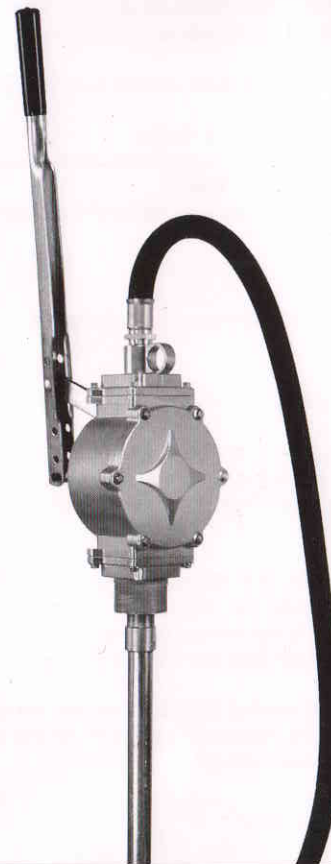


AMERICAN
LUBRICATION EQUIPMENT CORPORATION ®

**TIM-322-A
HAND FUEL PUMP**



AMERICAN LUBRICATION EQUIPMENT CORPORATION
11212A MCCORMICK ROAD, HUNT VALLEY, MD 21031
WWW.AMERICALUBE.COM
PHONE: 410-252-9300



WARNING:

Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury. Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.

SAFETY INSTRUCTIONS

To ensure safe and efficient operation, it is essential to read and follow each of these warnings and precautions.

1. Improper use or installation of this product can cause serious bodily injury or death.
2. Do not smoke near pump or use pump near an open flame when pumping flammable fluids. Fire could result.
3. A filter should be used on pump outlet to ensure that no foreign material is transferred to fuel tank.
4. Use gasoline and oil resistant thread sealant or sealant tape on all threaded joints to protect against leakage.
5. Storage tank or barrel should be anchored to prevent tipping in both the full and empty conditions.
6. To minimize static electricity build-up, keep nozzle in contact with container being filled.

WARNING! This product should not be used for fluid transfer into aircraft. This product is not suited for use with fluids for human consumption or fluids containing water.

Fluid compatibility

If in doubt about compatibility of a specific fluid, contact supplier of fluid to check for any adverse reactions to the wetted materials.

The pump is compatible with the following fluids:

Diesel, Heptane, Kerosene, Stoddard solvent, Light oils, Mineral spirits

Do not use the pump with the following fluids:

Gasoline, Water, Sulfuric acid, Naphtha, Methanol, Methyl Ethyl ketone (MEK), Acetone, Ammonia, Benzene, Bleach, Chlorine.

SPECIFICATION

1. Pumping capacity: 90L/24G per 100 strokes
2. Inlet: 1"
3. Outlet: 3/4"

INSTALLATION

Use the following procedures to install the hand fuel pump on a tank with a 2-inch bung.

Install suction pipe

1. Remove the two protective plugs from the pump inlet and outlet ports.
2. Wrap the threaded end of the suction pipe with 3 to 4 turns of Teflon tape.
3. Install the suction pipe into the inlet cover and tighten firmly with a pipe wrench.

Install handle

1. To install the links on the pump, insert a long clevis pin through the link ends and the pump's link holes. Secure with a small cotter pin. (figure 1)
2. Attach the free ends of the links to the bottom, outer surfaces of the handle. Insert a long clevis pin through the holes on both links and the lowest hole on the handle. Secure with a small cotter pin. (FIGURE 2)
3. Insert a screwdriver in the piston shaft of the pump and pull the piston out. Install the shaft on the handle at either piston hole by placing a short clevis pin through the handle and the piston shaft end and securing with the hitch clip pin.

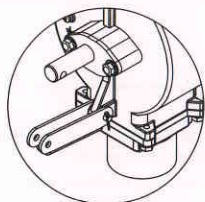


Figure 1

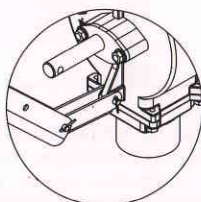


Figure 2

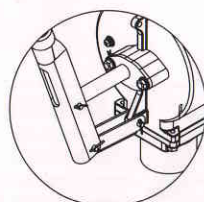


Figure 3

Install pump on tank

1. Before installing the pump, clean the tank interior of all dirt and foreign material.
 2. Lubricate the threads of the inlet cover with Teflon tape or a thread-sealing compound approved for use with petroleum fuels.
 3. Extend the adjustable suction pipe to its full length and carefully insert it into tank opening. The suction pipe will adjust to the length needed and rest on the bottom of tank.
 4. Thread the inlet fitting of the pump onto the tank and turn the pump to tighten snugly.
- NOTE: To prevent the buildup of pressure and possible fuel leakage through the nozzle, make sure the tank is vented.

Install hose and nozzle assembly

Apply 3 to 4 wraps of Teflon tape to the threaded end of the hose and hand-tighten into the outlet cover until snug.

OPERATION & MAINTENANCE

To Dispense Fluid

1. Remove the nozzle from its holder and insert into the receiving tank of the equipment or vehicle.
2. To operate pump, manually move the handle in a push/pull motion.
3. After dispensing the desired amount of fluid, drain the hose and nozzle, place the nozzle in its holder and return the handle to its upright storage position.