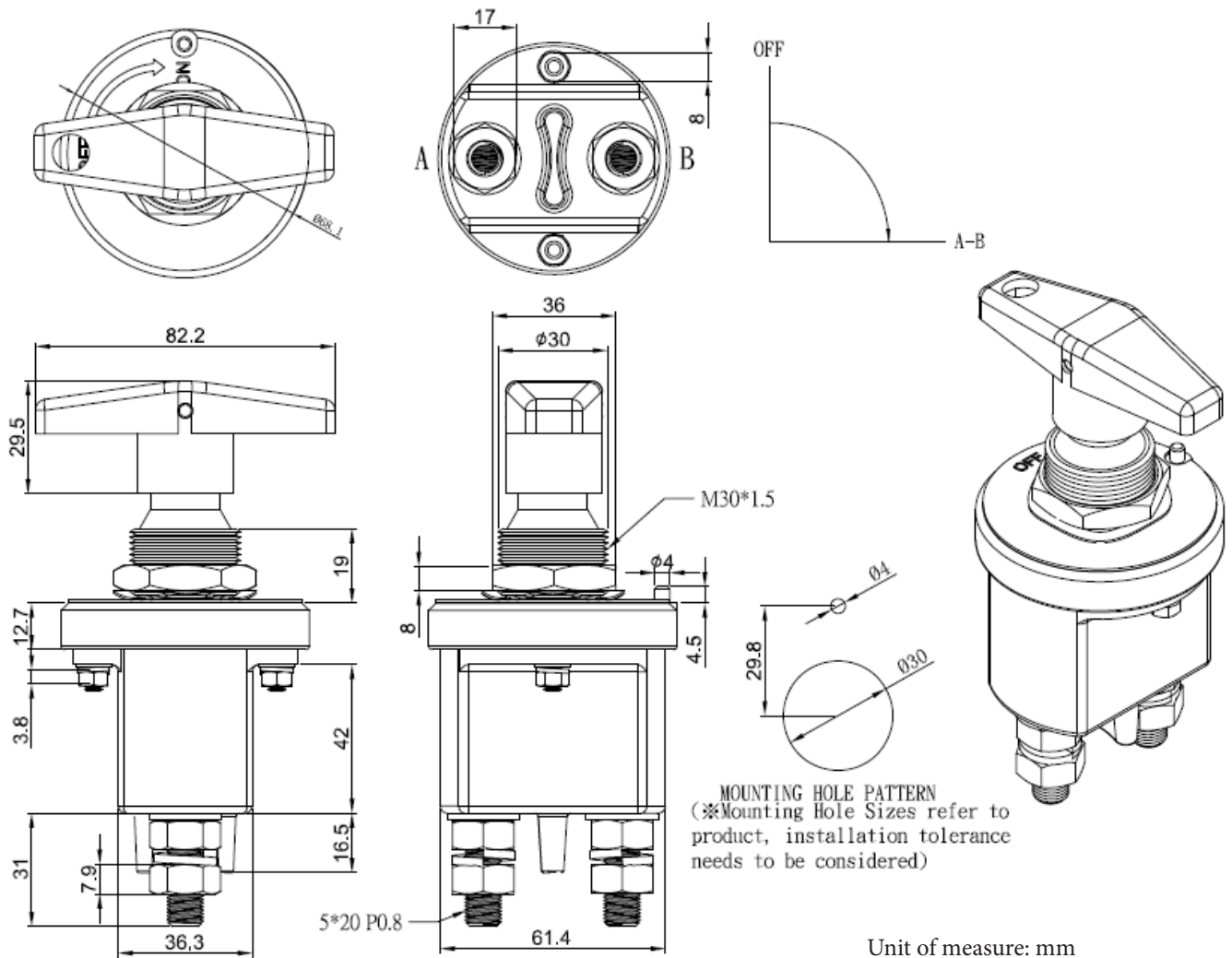




# PICO®

## 9456 Specifications Sheet



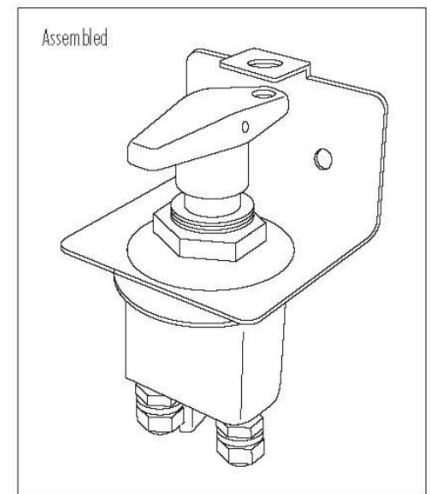
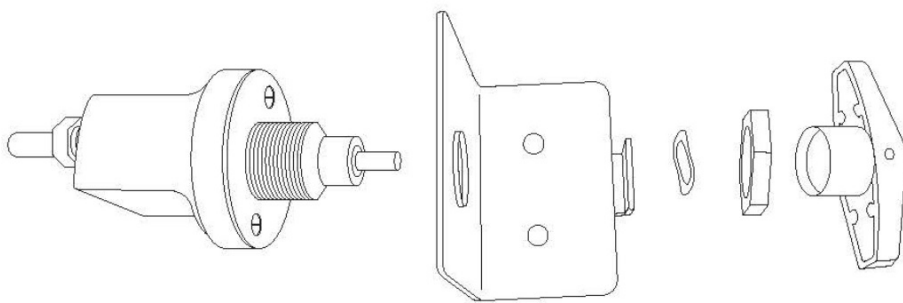
### Specifications

Rating	500A 12VDC 250A 24VDC	Max Contact drop at max load	150mV at rated load
Sealing Protection	IP 66/ IEC 529	Operating Voltage Range	Up to 32V
Vibration Resistance	3G (50-2000 HZ)	Momentary Capacity	5000A at 12V for 5secs/ 2500A at 24V at 5secs
Shock Resistance	6G, 11 msec		
Insulation Resistance	100M ohms/ 500V Min.		
Dielectric Strength	1000V 1 minute		
Operation Temperature	-40° to 85°		



# PICO®

## 9456 Installation Instructions



### Installation Instructions

Step 1: Disconnect all cables from the battery(ies). Disconnect the negative cable first.

Step 2: Identify the negative (ground) cable on the battery you wish to install the Master Disconnect Switch.

Step 3: Due to the size of the switch, locate a place that is sturdy for mounting.

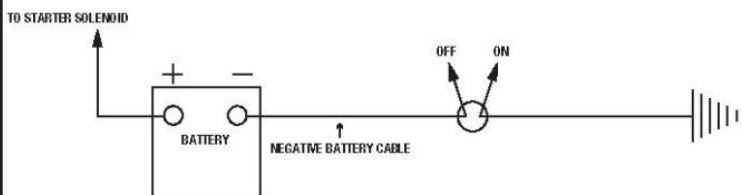
Step 4: Refer to the wiring diagrams below for the two recommended wiring instructions. On late model GM, Chrysler and other vehicles equipped with a body ground, use Diagram 2. Failure to route the body ground through the disconnect switch will result in severe damage and possibly fire when the starter is engaged.

**NOTE:** Do not attach positive and negative cables to disconnect switch at the same time. Doing so may cause the battery to explode and start a fire. Serious vehicle and personal injury can result with an improperly wired switch.

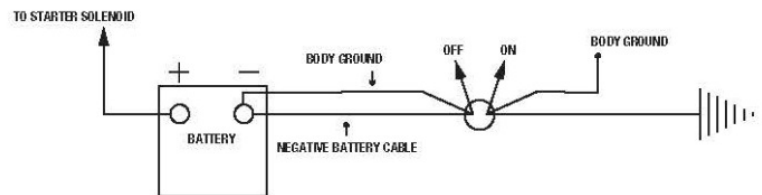
Step 5: Reconnect battery and check for proper operation. Reconnect the positive cable first.

**NOTE:** Be sure the ignition is in the off position before turning disconnect switch to the off position to eliminate voltage spikes that can damage the vehicle's electrical system.

WIRING DIAGRAM 1



WIRING DIAGRAM 2



### Warning

1. Working in the vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation.
2. NEVER smoke or allow a spark or flame in the vicinity of a battery or engine.
3. Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit the battery or other electrical part that may cause an explosion.
4. Remove personal metal items such as rings, bracelets, necklaces and watches when working with a lead-acid battery. A lead-acid battery can produce a short circuit current high enough to weld a ring or the like to metal, causing a severe burn.
5. Consider having someone close enough by to help in case of an accident when working near a lead-acid battery.
6. Have plenty of fresh water and soap nearby in case battery acid contacts the skin, clothing or eyes.
7. Wear complete eye and body protection, including safety goggles and protective clothing. Avoid touching the eyes while working near the battery.
8. If battery acid contacts the skin or clothing, immediately wash the area with soap and water. If acid enters the eye, immediately flood the eye with cold running water for at least 10 minutes and get medical attention right away.