Installation Instructions for Model 619
BIG BAD MAX™

MOUNTING HORN (Choose either method Fig. A or Fig. B):

1. Mount the Big Bad Max Horn vertically when possible in a dry location, safe from engine exhaust heat and moving parts.
2. Drill a 5/16" hole at the mounting location. Secure horn with method shown in Fig. A or Fig. B.
3. Fig A: Install the head of the bolt into the slot of the mounting bracket. Secure the horn using the lock washer/nut provided.
4. Fig B: Install the bolt into the mounting bracket as shown in Fig. B. Secure the horn using the lock washer/nut provided.

Fig. A

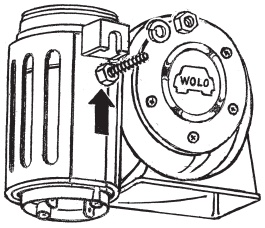
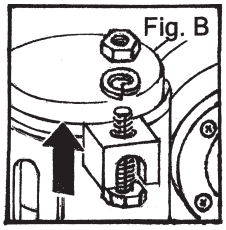


Fig. B



ELECTRICAL CONNECTIONS USING VEHICLE'S FACTORY HORN SWITCH

5. For two (2) wire systems: If vehicle's factory horn has two (2) terminals, simply transfer the wires to Big Bad Max's motor terminals. IMPORTANT: when testing the horn, if the compressor motor turns on but the horn does not sound, reverse the wires.
6. For one (1) wire system: If vehicle's factory horn has one (1) terminal, simply transfer the wires to Big Bad Max's (+) motor terminal. The motor's (-) terminal is connected to ground, any metal body bolt that is clean of paint and rust. Use 16 gauge wire or heavier.

ELECTRICAL CONNECTIONS FOR USING A NEW HORN BUTTON SWITCH (Fig. C):

7. Install the relay provided in a dry location with the terminals facing downward near the horn.
8. Connect relay terminal 87 to Big Bad Max's positive (+) motor terminal. Use 16 gauge wire or heavier.
9. Connect relay terminal 85 to the horn button switch (not provided). The other terminal of the horn switch is connected to ground, any metal body bolt that is clean of paint and rust. Use 18 gauge wire or heavier.
10. Connect relay terminal 30/86 to positive (+) 12-volts such as battery, alternator, etc. Use 16 gauge wire or heavier. Protect the electrical circuit with a twenty (20)-amp fuse (not included).

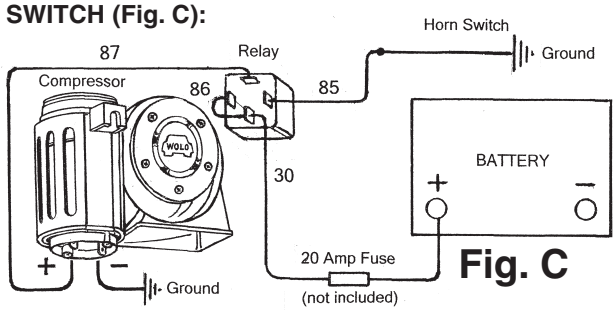


Fig. C

RECAP OF RELAY TERMINAL CONNECTIONS • Terminals 30/86: the two terminals are connected to 12-volts positive (+) using a fuse. • Terminal 85: is connected to horn switch. • Terminal 87; is connected to the horns (+) motor terminal

MOTORCYCLE ELECTRICAL CONNECTION – USING FACTORY HORN SYSTEM (TWO WIRE SYSTEM) Fig. D

1. **IMPORTANT:** You are required to use the relay supplied with this horn kit to protect the factory horn button switch and wiring. The original factory horn draws less amperage so most motorcycle manufacturers do not provide a relay in the horn circuit.
2. Remove the two (2) wires from the factory horn.
3. Connect relay terminal 85 to one of the factory horn wires. Note: It does not make a difference which wire.
4. Connect relay terminal 86 to the other factory horn wire.
5. Connect relay terminal 30 to positive (+) 12-volts battery, alternator. Use 16-gauge or heavier wire. A 20-amp fuse should be used as shown in Fig. D to protect the motorcycle.
6. Connect relay terminal 87 to the positive terminal at the bottom of the compressor. Use no less than 16 gauge wire.
7. Connect the (-) terminal at the bottom of the compressor to ground any clean metal body bolt or the (-) post of the battery. Use no less than 16-gauge wire.

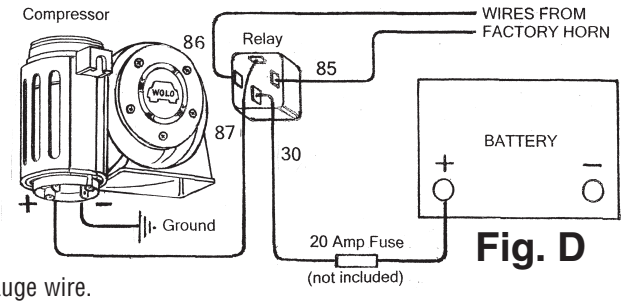


Fig. D