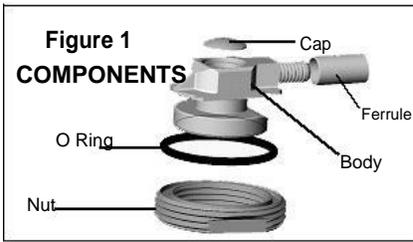
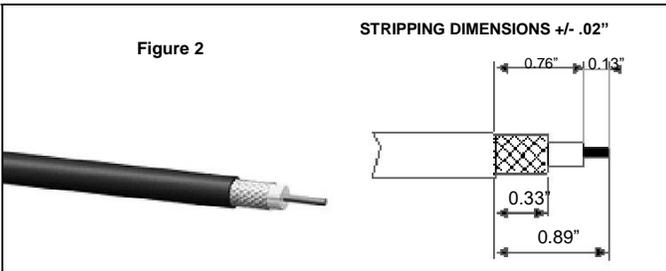


NMO MOUNTING KITS

NMOHF (HIGH FREQUENCY) ASSEMBLY INSTRUCTIONS



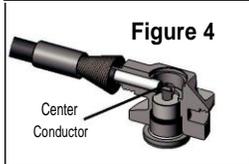
1. Strip the coax cable using the dimensions in Figure 2.



2. Slide the ferrule over the cable. Using a circular motion, fan the braid/foil (Figure 3).



3. Slide the connector body under the braid/foil. Slide the ferrule forward over the braid/foil (Figure 4).

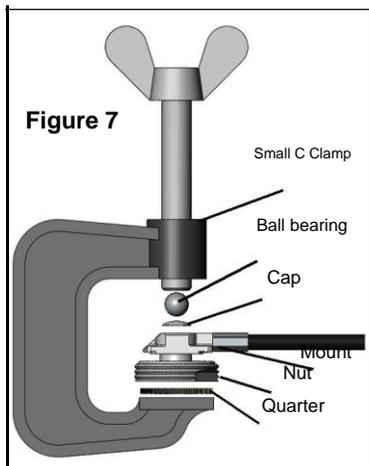


4. After ensuring the center conductor is at least 50% inserted into but not past the center contact, crimp the ferrule with a hexagonal crimping tool (Hex: .213/Flats) (Figure 5).



5. Flux and solder center conductor to center contact per Figure 4.

6. Unscrew the nut until it sticks out beyond the center contact of the mount (Figure 7). Place the cap (domed side up) on the hole in the back of the mount. Place a quarter between the C clamp and the nut. Place a 5/16" diameter ball bearing between the cap and the C clamp. Gently close the C clamp until the cap switches from convex to concave



If your antenna has a "tab" or "pin" connector, use the NMOHF mount in the low frequency configuration - leave the center pin and insulator in place as it arrives from the factory.



If your antenna has a "high frequency" (HF) connector, use the NMOHF mount in the high frequency configuration - remove the center pin and insulator.



Pulse warrants to every user of a Larsen product that it will perform to its specified ratings and will be free of defects in materials and workmanship. Pulse will repair or replace without charge any Larsen product which fails to meet this warranty within one year of the purchase

date. Excluded is failure due to misuse such as striking objects, improper installation, and use beyond specifications.

Pulse will not be responsible for any incidental or consequential damages due to failure of a Larsen product under this warranty or any implied warranty.

Pulse LARSEN - A YAGEO Company

18110 SE 34th St. Bldg. 2, Suite 250
Vancouver, WA 98683

Phone: 800-268-3662
360-944-7551
Fax: 360-944-7556

www.pulseelectronics.com

Larsen®, Kulrod® and Kulduckie® are registered trademarks of Pulse Electronics

Kulglass® Series U.S. Patent #4,764,773; KGB Series U.S. Patent #5,099,252; #5,155,494 - 11/99

NMO MOUNTING KITS



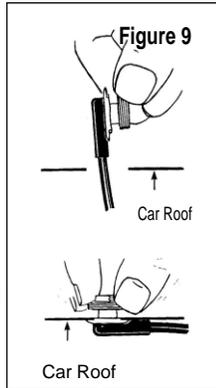
PI00074, REV. K, 04/19, 5192.2004

NMO STANDARD SERIES - PERMANENT MOUNT

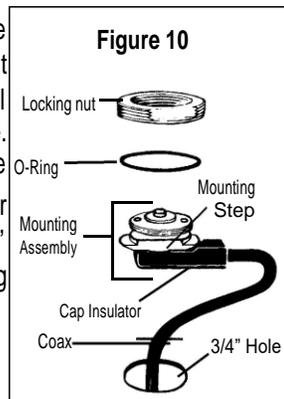
1. Requires a 3/4" (19 mm) hole in the vehicle. Use of a hole saw is the preferred method in most cases.

2. Remove any burrs, particularly on the under side of the hole. Remove paint in a narrow ring around the hole. Metal-to-metal contact between the vehicle and mount is essential for best performance.

3. From above, feed the coax and serrated part of the mount (Mounting Assembly) through the hole (Figure 9). This is done more easily if the Locking Nut is screwed onto the Mounting Assembly about a turn-and-a-half.



4. Pulling up on the Locking Nut, jiggle the Mounting Assembly. The mount step on the Mounting Assembly will slip into proper alignment in the hole. Still pulling upwards, tighten down the Locking Nut until the mount is finger tight (Figure 10). Be sure the "O" ring on the underside of the Locking Nut is properly seated.



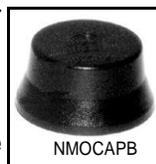
5. Using a spanner wrench or long nose pliers to hold the Mounting Assembly

and an adjustable or open end wrench on the Locking Nut, tighten firmly. Excessive tightening is not necessary or desirable (60 in-lb. max, 8\6.8 Nm).

Larsen strongly discourages the practice of leaving NMO-type mounts exposed to the elements such as, for example, outside vehicle storage in rainy conditions. Removing an antenna with its base, exposes the unprotected NMO mount. This is not recommended regardless of the manufacturer or style of the NMO mount. No NMO-type mount is designed to be waterproof when installed without an antenna base.



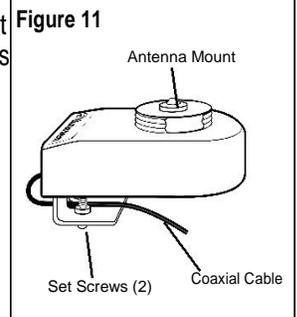
To combat this problem, all Larsen NMOHF mounts will be shipped with a disposable vinyl rain cap. The rain cap can be installed for outside vehicle storage or other sources of moisture. For vehicles with NMO mounts that may be exposed to the elements for the long term, Larsen recommends that they be stored with antenna bases attached or order the more durable NMO rain cap (part number NMOCAPB).



TLP SERIES (NMO STANDARD SERIES)

1. Install the two #10 set screws with the allen wrench. Set screws and allen wrench are supplied. See Figure 11 for details.

2. If antenna coax cable and mount must be installed, route the cable as shown.



3. On newer cars the TLP will need to be mounted along the side of the trunk lid or hood. On older models the TLP may be mounted on the lip of the trunk lid nearest the rear window of the auto. **Tighten the set screws sufficiently to break through the paint and establish a good ground connection.**

4. Route coax cable from the trunk area to the radio. Install the connector. Connect antenna cable to radio.

5. Install antenna on TLP mount following instructions supplied with the antenna.

NMO TMB SERIES* (NMO STANDARD SERIES) - TRUNK MOUNT BRACKET

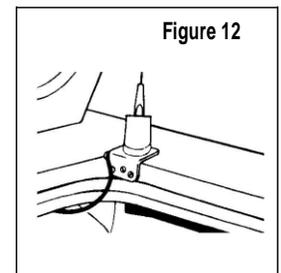
Simple installation with a stainless steel "L" bracket.

1. Position the Larsen Trunk mount bracket on inside of the trunk gutter or the engine hood as shown in Figure 12.

2. Using the bracket as a guide, drill three holes.

3. Tighten the three stainless steel self-tapping screws supplied with bracket.

4. Route the coaxial cable from the trunk area to the radio. Install the connector. Connect antenna cable to radio.



* The Larsen TMB is designed to accommodate use of a SuperSeal™ gasket for increased weatherproofing. Combining the TMB mount with any Larsen NMO antenna using the SuperSeal™ gasket will result in the utmost weather protection for your mobile antenna application.