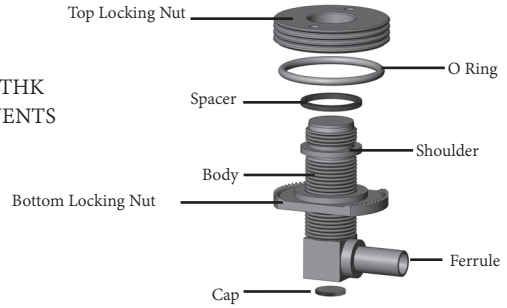
NMOHF Mid & Thick Mounts

MOUNTING INSTRUCTIONS

The NMOHF Mid Mount (NMOHFMID) accommodates surfaces up to 5.9mm
The NMOHF Thick Mount (NMOHFTHK) accommodates mounting surfaces up to 1/2" thick.

Figure 1

NMOHFTHK COMPONENTS



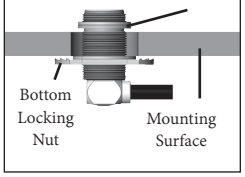
NOTE: The NMOHFTHK comes with a spacer which allows the mount to be used with a variety of antenna designs. Remove the spacer when using the mount for all products with the SuperSeal Gasket. When not using the SuperSeal Gasket (using just the O-ring) or for products not supplied with a SuperSeal Gasket, use the spacer supplied.

NMOHF Thick mount 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.

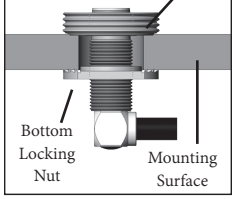
2. Remove any burrs, particularly on the under side of the hole. Be sure to remove paint in a narrow ring around the hole. Metal-to-metal contact between the vehicle and mount is essential for best performance.

Figure 2



3. From below the surface, with top locking nut removed, insert the mount through the hole and thread the bottom nut up close to the surface. See Figure 2.
(At this point you may want to use tape to hold the mount in place while you access the top surface to apply the locking nut.).

Figure 3



4. Thread the top locking nut onto the body, ensuring the O-ring is in proper position to seal the mount. See Figure 3. Using a spanner wrench or long-nosed pliers, tighten the top nut securely.

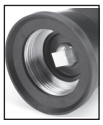
5. With the top nut secured, tighten the bottom nut securely making sure the "shoulder" is aligned into the 3/4"hole. This helps to center the mount and ensure proper grip to the metal undersurface.

   It is critical to achieve the proper tightness to ensure a good grip to the surfaces. Tighten both the top locking nut and bottom nut very firmly. The mount should not spin when appropriately tightened.

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.

"Pin" connector

"Tab" connector



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

"HF" connector

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.

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NMOHF Mid and Thick Mount

Mounting Instructions

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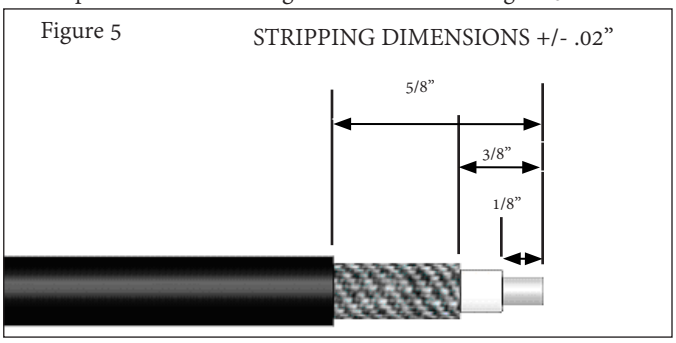
PI00121, Rev. I, 04/19, 5192.0121

NMOHFTHK ASSEMBLY INSTRUCTIONS

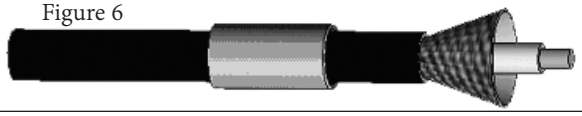
1. Strip the coax cable using the dimensions in Figure 5.

Figure 5



2. Slide the ferrule over the cable. Using a circular motion, fan the braid/foil (Figure 6).

Figure 6



3. Slide the connector body under the braid/foil. Slide the ferrule forward over the braid/foil (Figure 7).

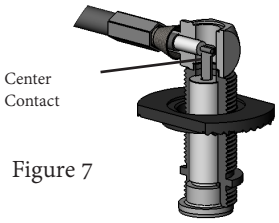


Figure 7

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 8).

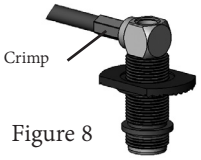


Figure 8

5. Flux and solder center conductor to center contact per Figure 7.

6. Unscrew the top locking nut until it sticks out beyond the center contact of the mount (Figure 10). Place the cap on the hole in the back of the mount. Place a penny between the C clamp and the nut. Gently close the C clamp until the cap is seated in the mount hole.

Figure 10