

all-band

Deck Mount

MONITOR ANTENNA

FOR MONITORING, 25 TO 1000 MHz

MON 5



Stripes of Quality



WHERE TO MOUNT THE ANTENNA

Select a 1 1/2" diameter (minimum) flat horizontal surface on the rear fender, deck or on front fender or cowl. Be sure area below mounting surface is accessible. Also check for clearance when trunk lid or hood is open to be sure nothing will hit the antenna.

INSTALLATION TIP

When routing the coaxial cable, choose a path that will conceal and protect it. Avoid any pinching, strain or abrasion to the cable.

TOOLS REQUIRED

- Electric hand drill
- Center punch
- Hammer
- Additional tools such as a phillips screwdriver and adjustable wrench may be needed to route the cable through the vehicle.
- If the antenna will be used for monitoring 25-50 MHz or additional tools will be required as described on page 4.

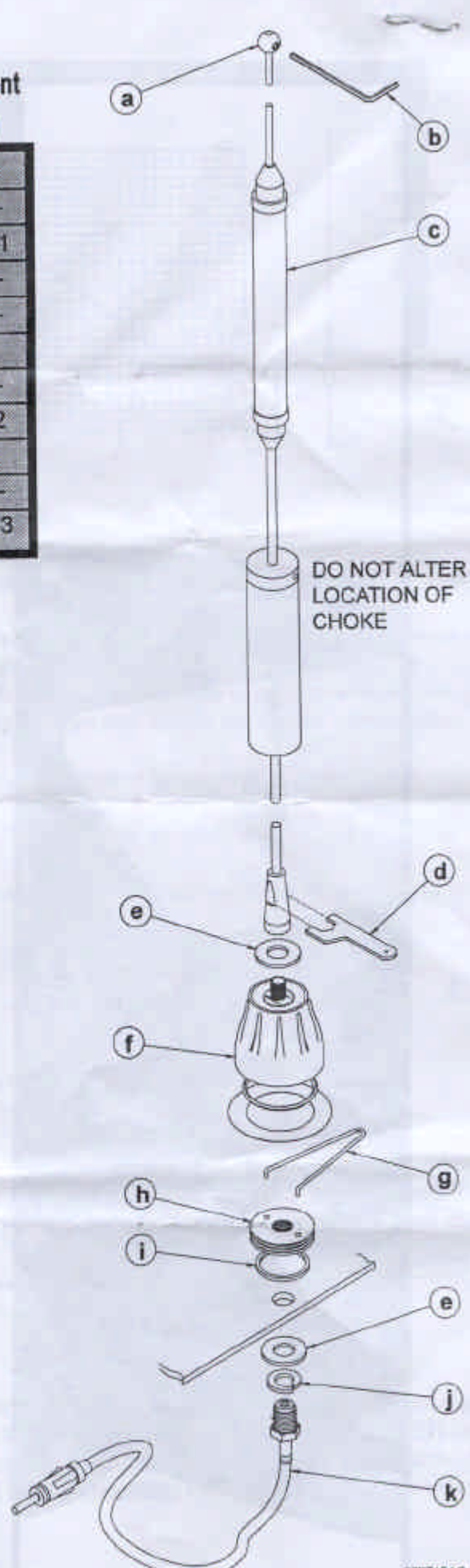


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THIS PACKAGE CONTAINS:

Item	Description	Qty.	Replacement Part No.
a	Ball Tip	1	K-101
b	Allen Wrench	1	_____
c	Whip and Choke Assembly	1	19-4645-1
d	Whip Wrench	1	_____
e	Flat Washer	2	_____
f	Coil	1	K-722
g	Spanner Wrench	1	_____
h	Adapter	1	14-254-2
i	"O" Ring (Small)	1	9-121
j	Split Lockwasher (3/8")	1	_____
k	Cable	1	19-2380-3

The use of PTFE or similar lubricant on the threaded portions of the mount and connectors, prior to assembly, will give protection from weather and ease future disassembly.



INSTALLATION INSTRUCTIONS

- Center-punch the exact hole location at the desired position.
- Drill 3/8" diameter hole.
- Push mount up through hole with flat washer and lockwasher (Fig. 1). Screw adapter onto mount with small "O" ring in groove on underside of adapter. A light application of PTFE lubricant on the "O" ring will hold it in the adapter groove during installation.
- Remove backing from mylar pad and adhere to vehicle surface around mount adapter.
- Slide large "O" ring over mount adapter. Screw coil onto adapter hand-tight (see page 2).

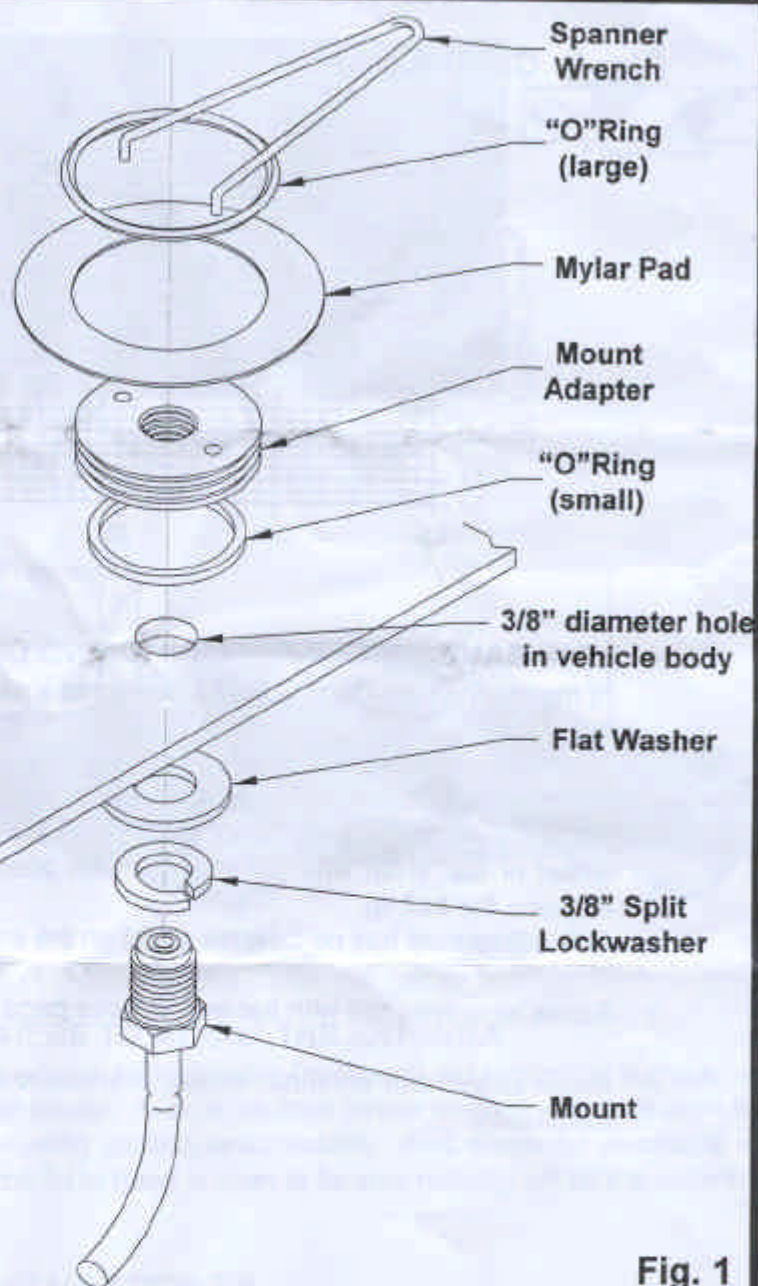


Fig. 1

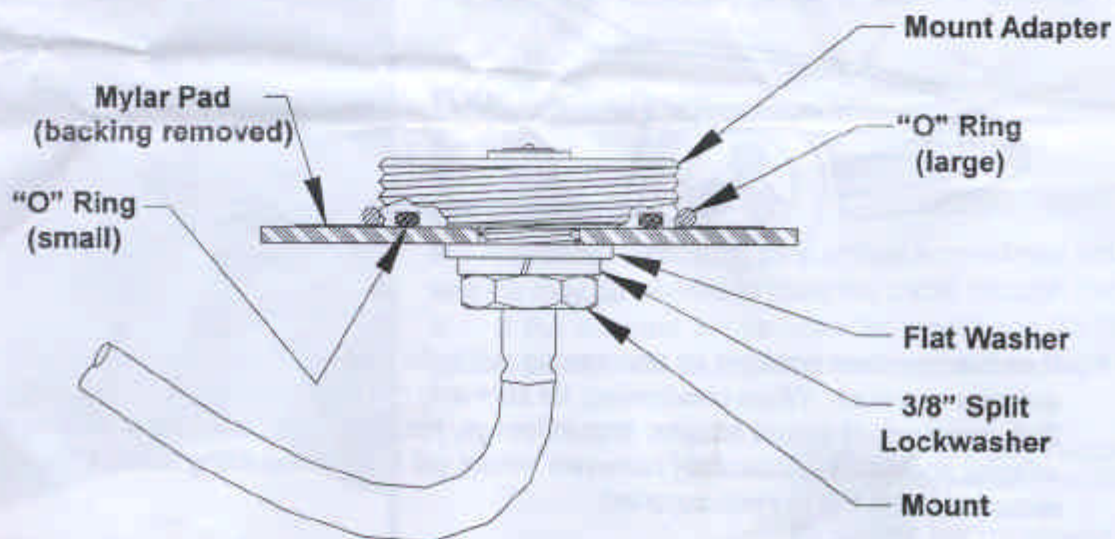
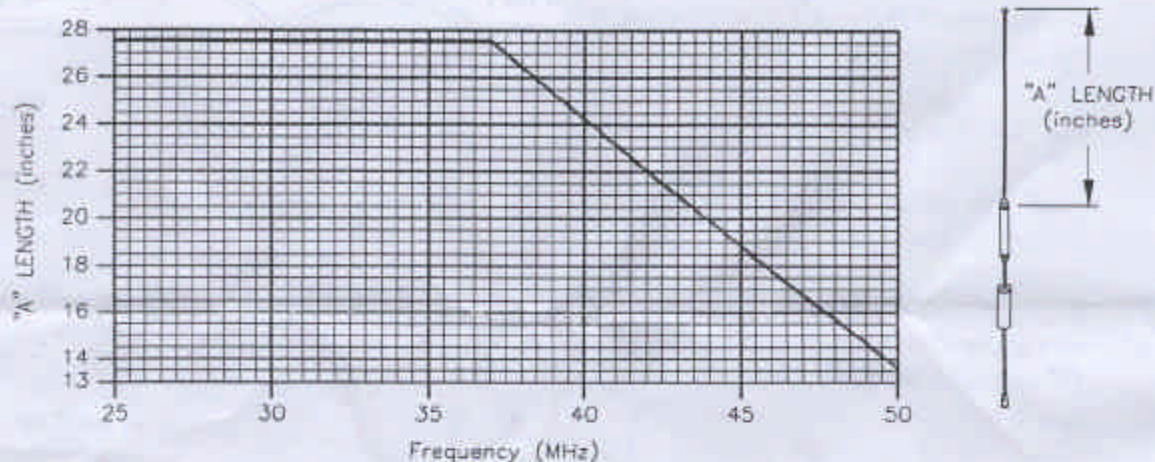


Fig. 2 Cutting Chart



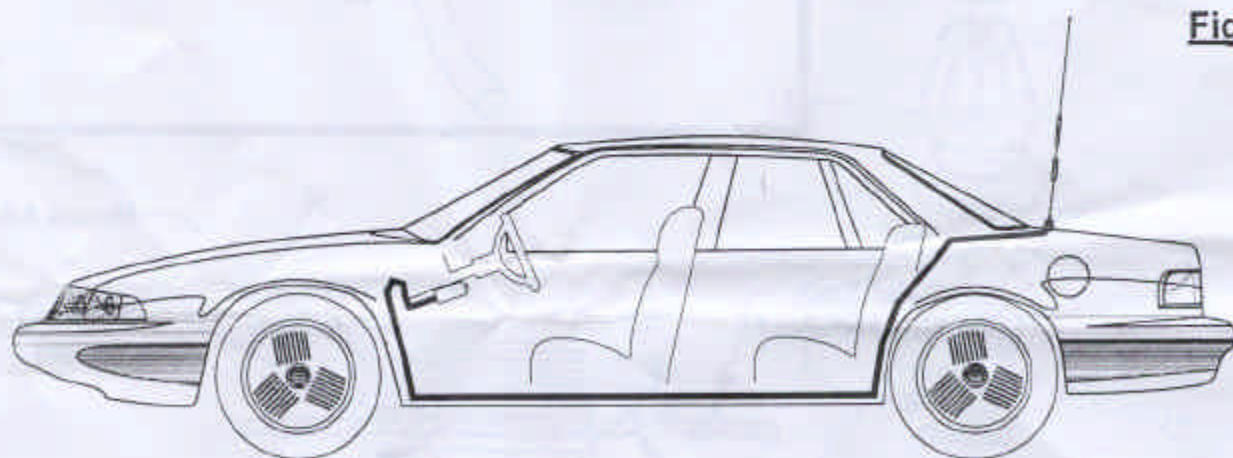
- **LOW-BAND (25-50 MHz) MONITORING CONSIDERATIONS:**

(If monitoring Low-Band (25-50 MHz) is not a particular consideration disregard this step).

This antenna is factory adjusted to the center of the "Low-Band". It may be adjusted to favor a specific "Low-Band" frequency or another portion of the "Low-Band" as follows: choose the frequency or center the segment of the "Low-Band" desired. Remove the ball tip and cut the whip (score whip with grind wheel or file; snap whip off at score with pliers) to the desired length as shown on the chart above. Replace the ball tip.

This adjustment has no adverse effect on the antenna's operation in the other bands.

- Screw whip onto coil with flat washer (see page 2). Tighten whip securely with whip wrench.
- Route cable from antenna, through vehicle to monitor (Fig. 3). Connect cable to monitor to complete installation.



- Remove complete antenna by unscrewing coil before entering automatic car wash to prevent damage to antenna or mount. When unscrewing, be sure only the antenna, NOT THE MOUNT ADAPTER (see page 2) is removed. If mount adapter should loosen, retighten it securely against mounting surface. If mount adapter should be accidentally removed, mount will fall into mounting hole. Alternatively, the whip may be removed using the wrench supplied.