

Section 6 – LSMC Configuration



CAUTION In order to comply with FCC RF exposure requirements, this device must be installed in such a way as to ensure that a minimum separation distance of 20 cm is always maintained between the antenna and all persons. Due to RF requirements, ADC recommends operating the LSMC from the vehicle only.

6a. Battery Installation

STEP 1

Remove the battery cover from the backside of the LSMC case. See Figure 4-1.

STEP 2

Remove the new nickel metal hydride battery from its packaging.

STEP 3

Carefully install the new battery pack connector to the controller case connector. See Figure 6-1. The connector is keyed and will fit into the LSMC slot one way only. Make sure connector is firmly in place.

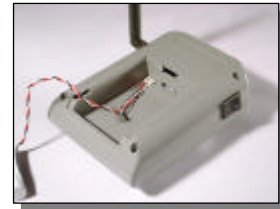


Figure 6-1

STEP 4

Place the battery pack inside the controller case. Carefully fold and lay the connector wires in the battery case beneath the battery during installation of the battery. See Figure 6-2.



Figure 6-2

STEP 5

Replace the battery cover. Slide the cover over the opening until the cover snaps into place.



Note: Before using the LSMC for the first time the battery requires a charge of at least three hours.

6b. Antenna Orientation



Note: The antenna should already be attached to the LSMC unit when the unit is removed from its packaging.

STEP 1

Loosen the threaded sleeve. See Figure 6-3.

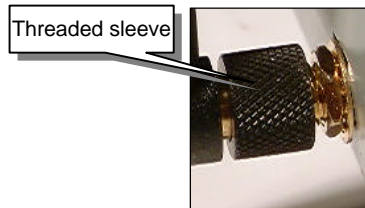


Figure 6-3

STEP 2



Figure 6-4



Rotate the antenna into a position perpendicular to the LSMC unit.
See Figure 6-4.

STEP 3

Finger tighten the sleeve and connector nut so the antenna fits snugly to the LSMC unit.

6c. Vehicle DC Adapter Use

Introduction

the LSMC Vehicle DC Adapter has been designed to charge the unit at the same time the LSMC is active. ADC recommends that the LSMC be operated with the adapter attached unless the need arises to leave the vehicle. The LSMC will operate for approximately five hours of continuous RF SYNC on a full battery charge.

STEP 1

Locate the power connector at the top of the case between the RS232 port and the antenna connector.

STEP 2

Insert the adapter cord into the power connector slot in the case and plug the power adapter into the vehicle power source.

See Figure 4-5.

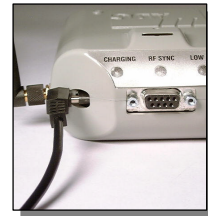



Figure 6-5



CAUTION: Use of any power adapter other than the one supplied with the LSMC may cause damage to the LSMC unit. Use only the DC adapter shipped with the LSMC.

6d. LED Functions

When the battery is charging, the CHARGING LED will light and remain lit. See Figure 4-6. The CHARGING LED will turn off when battery charging is complete. Leave the battery plugged in while the charging light is on.

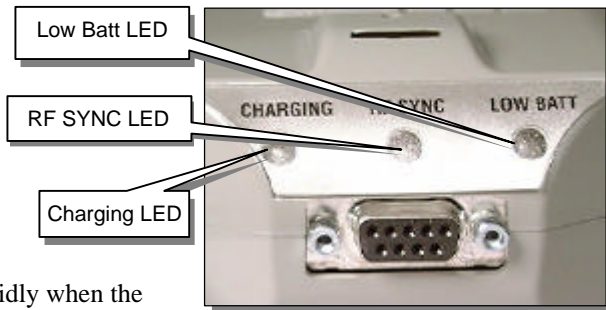




Figure 6-6

The RF SYNC LED will blink rapidly when the LSMC is polling. When the LSMC connects to an LSM, the RF SYNC LED will appear to be continuously lit with only intermittent blinks.

The LOW BATT LED will blink when the battery requires charging. Insert the adapter cord into the power connector slot in the case and plug the power adapter into the vehicle power source.



 **Note:** Leave the DC adapter plugged in for a minimum of three hours to insure complete battery charge.

 **Note:** The RF SYNC LED and the LOW BATT LED will blink when LSMC power is on and the unit is idle.