Chapter 3.0
KMACS 5 Maintenance

3.1 Recommended Maintenance Of The KMACS 5

The KMACS 5 requires very little user maintenance. With proper care, the KMACS 5 should last for years and give excellent service.

On a daily basis, the KMACS 5 operator should inspect the high pressure whips attached to the yokes (T) for signs of wear.

After each use the case, interior panels and high pressure hoses should be wiped down with a rag which has a small amount of Armor-All. Never spray cleaners directly on the KMACS 5.

Figure 11 After each use the case, interior panels and high pressure hoses should be wiped down with a rag which has a small amount of Armor-All. Never spray cleaners directly on the KMACS 5.

Approximately every six months, the high pressure hoses should be treated with Armor-AIl or similar protection.

Once a year, the KMACS 5 should be returned to your authorized dealer, or KMDSI , to service the regulator, selector valve, and calibrate the diver's depth gauges. This is especially important if the unit is used for deep, decompression, or repetitive dives.

3.2 Replacing The Battery

The battery used with the KMACS 5 communicator is very reliable and will offer many years of service. However, storing the KMACS 5 with the battery drained can cause the battery to fail. ***The battery should be completely charged before storage.*** Gel cell batteries have an excellent shelf life if properly charged prior to storage.

To replace the battery, remove the screws which hold the communicator panel (W) into the top of the KMACS 5 box. Do not remove the screws which secure the communicator to the larger panel. Tilt the panel out but do not remove it from the lid. The battery is held in place by brackets and "Velcro" strips on the back of the large panel. Reach behind the panel and support the battery. Lift the panel and battery out as a unit.

Replace the old battery with a new unit. Position the new battery on the back of the large panel using the "Velcro" strips to hold it in place. Connect the leads back to the battery and push the communicator panel (V) back into its normal position. Install the screws which hold the large panel in place and tighten them in a staggered pattern.

