

WARNINGS AND CAUTIONS

ADDED TO PRODUCTS DURING 1978

MARK VII REGULATORS

Part No. 45-020-101 - INSERT FOR MARK VII REGULATORS

## MARK VII AUDIO REGULATORS

### CAUTION:

THE LOW TANK PRESSURE AUDIO RESERVE WARNING IS INTENDED TO BE USED ONLY AS AN AID IN DETECTING LOW TANK PRESSURE. IT SHOULD ALWAYS BE USED IN CONJUNCTION WITH A SUBMERSIBLE PRESSURE GAUGE WHICH IS USED TO CONTINUALLY MONITOR TANK PRESSURE. NOTE: IT IS RECOMMENDED THAT WHEN INSTALLING AN OCTOPUS REGULATOR OR UTILITY ADAPTOR ON A MARK VII FIRST STAGE, THE NON-AUDIO LOW PRESSURE PORT BE USED. THIS IS FOR ADDED SAFETY IN THE UNLIKELY EVENT THAT THE AUDIO PORTION OF THE MARK VII FAILS.

### WARNING:

IT IS POSSIBLE THAT CERTAIN LOW-PRESSURE HOSE LENGTHS OR COMBINATIONS OF LOW PRESSURE HOSE LENGTHS AND ACCESSORIES, ATTACHED TO EITHER THE AUDIO OR NON-AUDIO PORTS, CAN CAUSE AN ELIMINATION OR DIMINISHING OF THE AUDIO SIGNAL.

FRONT VIEW

For this reason, the complete regulator and accessory system including any inflator and flotation device must be tested before use to ensure proper functioning of the audio signal. This test should be conducted in the following manner: Using a small storage cylinder with a capacity of between 4 cubic feet and 6 cubic feet\*, pressurized to a minimum of 1,000 PSI, attach the complete regulator system to the storage cylinder, open the cylinder valve (fully open), and breathe the regulator down to zero PSI observing at which point the audio signal is first heard. This should occur before the cylinder tank pressure has reached 300 PSI. This test can be properly conducted by any SCUBAPRO dive shop, factory or warehouse.

### PRE-DIVE OPERATIONAL CHECK

Prior to each dive, the complete regulator and accessory system including any inflator and flotation device should be checked for proper operation as follows:

1. Mount the first stage on a SCUBA tank.
2. Check all hose connections on the first and second stages to be sure they are at least hand-tight.

\*A larger capacity air storage cylinder may be utilized for the test, however, it will increase the time required to conduct the test.



MARK VII REGULATORS

Part No. 45-020-101 - INSERT FOR MARK VII REGULATORS (Continued)

3. Connect all hose quick-disconnects to their appropriate connections.
4. Remove the spacers from the second stages.
5. Ensure the Submersible Tank Pressure Gauge indicates zero pressure.
6. Open the tank valve to pressurize the regulator system. Check the submersible tank pressure gauge to ensure that it indicates the proper pressure. NOTE: The Pilot Second Stage is so extremely sensitive that it can turn on or free flow if jarred or struck sharply when out of the diver's mouth. Also, a slight fluttering sometimes occurs when used out of the water, but it disappears immediately upon submerging. Free flow of the Pilot is prevented by having the DIVE/PRE-DIVE switch in the PRE-DIVE position. Free flow of other second stages out of water is prevented by placing a finger over the mouthpiece opening.
7. Listen for leaks:
  - A. If the tank valve O-ring leaks, depressurize the system, remove the regulator, replace the O-ring, and start again at Step 1 above.
  - B. If the regulator system leaks at any connection, depressurize the system, and start again from Step 2 above.
  - C. If the first or second stage leaks excessively, wash them out thoroughly with fresh water to remove any foreign matter which may be causing the leaks. If the leaks persist, return the regulator to a SCUBAPRO dealer for repair.
8. Confirm that the regulator system breathes properly by first exhaling through the mouthpiece to blow any foreign matter out of the chamber, then inhaling. DO NOT PURGE the regulator to test its breathing operation. Purging does not ensure operation of the exhaust valve. To test for leakage of the exhaust valve, turn the air off and breathe or purge the air from the regulator. After all the air is drained from the system, inhale through the mouthpiece; there should be no air flow showing that the exhaust valve is sealing properly. If air leakage is present, wash out the regulator thoroughly with fresh water to remove any foreign matter which may be causing the leakage. If the leakage persists, return the regulator to a SCUBAPRO dealer for repair.
9. The audio reserve mechanism can be checked by slowly cracking the tank valve while depressing the purge button. When the supply pressure within the regulator exceeds about 400 PSI, the audio signal will stop.
10. Open tank valve fully to repressurize the regulator system and leave it pressurized for the dive.

REAR VIEW

MARK VII REGULATORS

Part No. 01-006-113 - DECAL, MARK VII

WHEN USING THE MARK VII REGULATOR ON A RESERVE VALVE, BE SURE THE LEVER ARM WILL CLEAR THE REGULATOR WHEN PULLED. IF NOT, THE LEVER ARM MUST BE "DOWN" WHEN ATTACHING THE REGULATOR.

Part No. 01-006-120 - WARNING DECAL, MARK VII

**WARNING**

USE AUDIO PORT FOR PRIMARY SECOND STAGE ONLY. USE THE NON-AUDIO PORT FOR ADDED SAFETY WHEN ATTACHING OCTOPUS REGULATOR, ADDITIONAL LOW PRESSURE HOSE OR ACCESSORIES SUCH AS; UTILITY ADAPTORS, AIR MOISTURIZERS OR AIR HEATERS, SINCE THESE ITEMS MAY CAUSE THE AUDIO ALARM TO NOT FUNCTION PROPERLY IF ATTACHED TO THE AUDIO PORT.

ALL SPEARGUNS

Part No. 01-006-216 - WARNING DECAL, SPEARGUN

**WARNING!**

FOR YOUR SAFETY AND THE SAFETY OF OTHERS  
DO NOT LOAD OR FIRE THIS GUN OUT OF WATER

ALL TANK VALVES AND TANKS WITH VALVES

Part No. 45-152-187 - TAG, WARNING, TANK VALVE

(SEE ATTACHED DRAWING)