

- ❗ **CHARGING HOSE KIT FOR MAXIMUM CHARGE PRESSURE UP TO 2,000 PSI (137.8 BAR).**
- ❗ **Only charging systems with components designed to be used at or above the maximum allowable working pressure (MAWP) specified on dampener serial tag can be used for charging. Nitrogen source (tank or bottle) must be equipped with a regulator set at no more than the MAWP specified on dampener serial tag.**
- ⚠ **IMPORTANT! High pressure is dangerous. Only qualified persons are allowed to charge, install and repair high pressure models.**
- ⚠ Use clean dry Nitrogen to charge dampener. **DO NOT USE OXYGEN.**
- ⚠ **DO NOT exceed maximum allowable working pressure (MAWP) specified on dampener serial tag.** If tag is missing, consult distributor or factory for specifications.
- ⚠ Always wear safety glasses and other appropriate safety equipment when installing, charging or repairing dampener.
- ⚠ Read and observe all safety warnings and instructions in dampener Installation and Operation Manual before charging.

Charging hose kit consists of an 8' (2.4 m) length of 5,000 psi (344.7 bar) rated high pressure hose with a 1/4" (6 mm) NPT male fitting at one end for connection to a regulator at the Nitrogen source and a charging fitting and gauge on the opposite end (see FIGURE 1).

1. Attach the end of the hose with the 1/4" (6 mm) male fitting to the regulator on the Nitrogen source. Make sure the valve on the Nitrogen source is closed and the regulator is set to zero.
2. Turn the T-Handle on the charging fitting **counterclockwise** to the fully closed position.
3. Attach the charging fitting on to the dampener fill valve.
4. Turn the T-Handle on the charging fitting **clockwise** to the fully open position.
5. Open the valve on the Nitrogen source and set the regulator to the desired pressure.
6. When the gauge on the charging hose indicates the desired pressure, turn the T-Handle on the charging fitting **counterclockwise** to the fully closed position.
7. Turn off the Nitrogen flow from the Nitrogen source.
8. Slowly disconnect the charging fitting from the dampener valve. **Nitrogen in charging hose will escape.**

**FIGURE 1**

