



INSTALLATION GUIDELINES FOR HYDRAULIC HOSES NEAR HEAT SOURCES

- I. Avoid routing hydraulic hose close to any and all heat sources if at all possible.
- II. If avoiding the heat source is not an option, the first step in establishing guidelines for the protection of the LCI Hydraulic Hoses is to determine the temperature of the heat zone(s).
 - A. Raise temperature of engine to it's peak operating temperature by running the engine for a period of time, i.e. driving the coach for several minutes.
 - B. Park the coach in an area providing the highest ambient temperature, preventing air flow into the heat zone.
 - C. Using an infrared thermometer, measure the temperature in the heat zone. If the temperature is 212° F or higher, the LCI Hydraulic Hoses must be protected.

NOTE: Adjustments may need to be made for maximum potential ambient temperature conditions, i.e., ambient temperature is 75°F, add 45°F to thermometer reading to simulate worst case scenario.

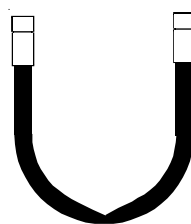
- III. For ALL portions of hose exposed to the heat source that creates potential to exceed hose rating of 212°F , heat shield MUST envelop hose a minimum of 12" beyond both ends of affected heat zone.

Critical Points for Installation

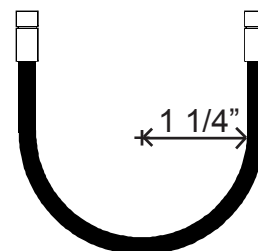
- I. Avoid kinking or bending hose inside the bend radius.
 - A. Bend Radius - 1 1/4" .



INCORRECT



INCORRECT



CORRECT

- VI. Protect all exposed hose during any welding or fabricating operations that may produce material that will singe, burn or otherwise weaken the hydraulic hose. Weld sparks or other sources of concentrated heat can weaken sections of hose resulting in failures both immediate and over time.