The original equipment (O.E.) air conditioning suction hose used in the F-650 & F-750 trucks needs additional shielding from the heat of the exhaust manifold to reduce failure and prevent refrigerant leaks. To improve the longevity and durability of the suction hose on F-650 and F-750 vehicles, a complete redesign was required.

Everco® HD started by upgrading the hose to a barrier grade (SAE J3062 - type C, class 1 (G4890-14) which is designed for zero-permeation. Engineering analysis found the O.E. suction hose was a non-barrier all rubber style prone to leaking and ultimately failure. Extending the heat shield the full length of the hose minimizes exposure to heat radiating from the close proximity to the exhaust manifold.

<table>
<thead>
<tr>
<th>Original Design</th>
<th>Everco HD Design</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>The inner layer is PE (polyethylene) braid</td>
<td>Replaced inner layer with woven fiberglass heat barrier</td>
</tr>
<tr>
<td>Insufficient shielding exposes hose</td>
<td>Everco HD heat shield extends to the crimp, covering the exposed rubber</td>
</tr>
</tbody>
</table>

It should be noted that all air conditioning hose assembly products made by Everco HD utilize SAE J3062 – type C, class 1 (G4890-14) refrigeration hose which provides the best quality product to the market place.
Everco® Heavy Duty A/C kits include all required components for a successful compressor replacement, shipped in one convenient package. The kits are available on emergency orders and arrive completely ready for installation.

- All kit part numbers are intelligent by make
- Kits reflect a cost savings over individual parts
- Reduce warranty while increasing profits

Includes the parts you need to do the job right the first time!

- New premium A/C compressor
- Filter drier
- Expansion device
- Premium oil
- All necessary gaskets and o-rings