The Old Standard Unloader Assembly, complete Pn. No. 563204, used with the Old Standard Inlet Valve with Unloader Return Spring, Pn. No. 518326 (obsolete), is now obsolete and will be superceded by complete Pn. No. 592512, consisting of the New Standard Inlet Valve with Unloader, Pn. No. 680001, and Unloader Spring, Pn. No. 592097.

The Old Standard Unloader Assembly, Pn. No. 563204, included:
- Spring Retainer Key Pn. No. 572162 (2 required)
- Spring Retainer Pn. No. 572161
- Unloader Spring Pn. No. 572164
- Unloader Spring Guide Pn. No. 572163
- Unloader Plunger with Pins Pn. No. 563199

These details are still available, but not as an assembly.

Disassembly of the old components is as follows (Refer to Figure 1):
1. Remove unloader tubing and fittings (not shown).
2. Remove unloader body assembly and intercooler pressure seal valve, Pn. No. 563202, and set aside for reassembly.
3. Remove the copper gasket, Pn. No. 592600, and old standard unloader assembly, Pn. No. 563204, and discard.
4. Remove the Inlet Valve Plug, Pn. No. 514642, and set aside for reassembly.
5. Remove the old standard inlet valve assembly, Pn. No. 518326, and copper valve gasket, Pn. No. 514644, and discard.

Installation is as follows (Refer to Figure 2):
1. Install new copper valve gasket, Pn. No. 514644, and new inlet valve with unloader assembly, Pn. No. 680001.
2. Coat threads of the inlet valve plug, Pn. No. 514642, with an anti-seize compound such as a graphite and oil mixture. Install and torque to 300 ft-lbs.
3. Place unloader spring, Pn. No. 592097, over the top of the inlet valve.
4. Place intercooler pressure seal valve, Pn. No. 563202, over the top of the unloader spring.
5. Coat 3.50" O.D. copper gasket, Pn. No. 592600, with the anti-seize compound before installing over the inlet valve plug.
6. Install unloader body assembly over the intercooler pressure seal valve and torque to 300 ft-lbs.
7. Install unloader fittings and tubing on the heads as removed (not shown). Tighten securely.
Figure 1 - Old Style

Unloader Body Assembly

Intercooler Pressure Seal Valve
Pc. No. 563202

Old Standard Unloader Assembly
Pc. No. 563204

Copper Gasket
Pc. No. 592600

Spring Retainer Key
Pc. No. 572162

Spring Retainer
Pc. No. 572161

Spring
Pc. No. 572164

Unloader Plunger with Pins
Pc. No. 563199

Unloader Spring Guide
Pc. No. 572163

Copper Valve Gasket
Pc. No. 514644

Figure 2 - New Style

Unloader Body Assembly

Copper Gasket
Pc. No. 592600

Intercooler Pressure Seal Valve
Pc. No. 563202

Unloader Spring
Pc. No. 592097

Inlet Valve Plug
Pc. No. 514642

New Inlet Valve with Unloader Assembly
Pc. No. 680001

Copper Valve Gasket
Pc. No. 514644