

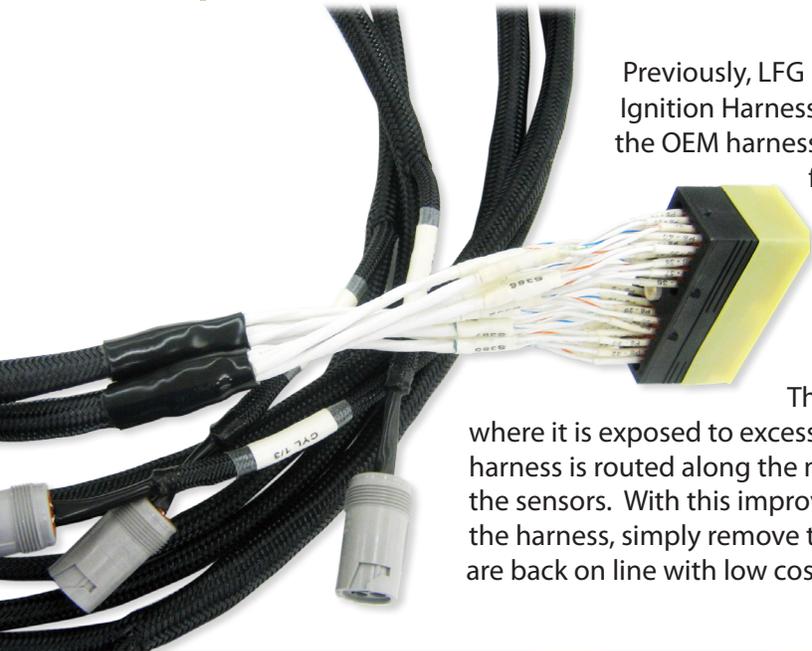


CO-OPERATIVE INDUSTRIES
AEROSPACE & DEFENSE

Gas Industrial Engine Detonation Sensor Harness

Tomorrow's Technology for Today's Applications

Improved Aftermarket Detonation Sensor Harness System for the CAT 3520 Gas Industrial Engine



Previously, LFG Parts Supply and Co-Operative Industries introduced a new Ignition Harness for the 3520. This product has proven to be far superior to the OEM harness in our tests and our client applications. To date, not one failure or problem has occurred.

Now we are pleased to announce the release of the Detonation Sensor Harness for the 3520. Like the Ignition Harness, this new Detonation Sensor Harness is a vast improvement over the OEM design.

The OEM harness is located up behind the exhaust manifold where it is exposed to excessive heat and potential damage from exhaust leaks. Our harness is routed along the main engine rail with replaceable jumper connectors up to the sensors. With this improved design, in the case of a leak that damages a sensor or the harness, simply remove the jumper by hand and install a new one, in minutes you are back on line with low cost and little down time or expense.

Key advantages of the Co-Operative Industries Harness:

- **Reduced Downtime and Cost due to Modular Design.** The modular design allows for efficient maintenance and repair. When a section fails, it is not necessary to replace the entire harness, just the affected jumper section. Simply unscrew the connector and replace the damaged section.
- **Interchangeable with Current OEM Design.** This superior Detonation Harness System is compatible with the current OEM design. It comes ready to install with no modifications necessary. The system includes one Detonation Sensor Harness and ten (10) field replaceable Jumper Connectors.
- **Longer Harness Life.** The harness incorporates a high temperature grade wire insulation that has a 400° degree temperature threshold, resulting in a longer life expectancy.
- **Rugged Jacketing Protection.** The Co-Operative Industries harness has an extremely durable metal or organic polymer thermoplastic outer braid (depending upon location). This provides exceptional abrasion and impact protection.

Contact Us

For details and additional information on the advantages Co-Operative Industries can offer you, contact:

Edwin W. Ingalls
President, LFG Parts Supply, LLC
Tel: 217-433-1394 or
614 GAS ENGN or 614-427-3646
Email: eingalls@edgewater.net

or contact

Dave Wright
VP Product Development
Co-Operative Industries
Tel: 678-376-5588, Cell: 678-296-3719
Fax: 678-889-8926
Email: davedwright@bellsouth.net

Replacement Information:

Detonation Sensor Harness P/N 650136 replaces OEM P/N 206-4807.
Jumper Connector P/N 650139 (New Design).