

# Genuine Parker Parts

Fluid Connector System Warranty



ENGINEERING YOUR SUCCESS.

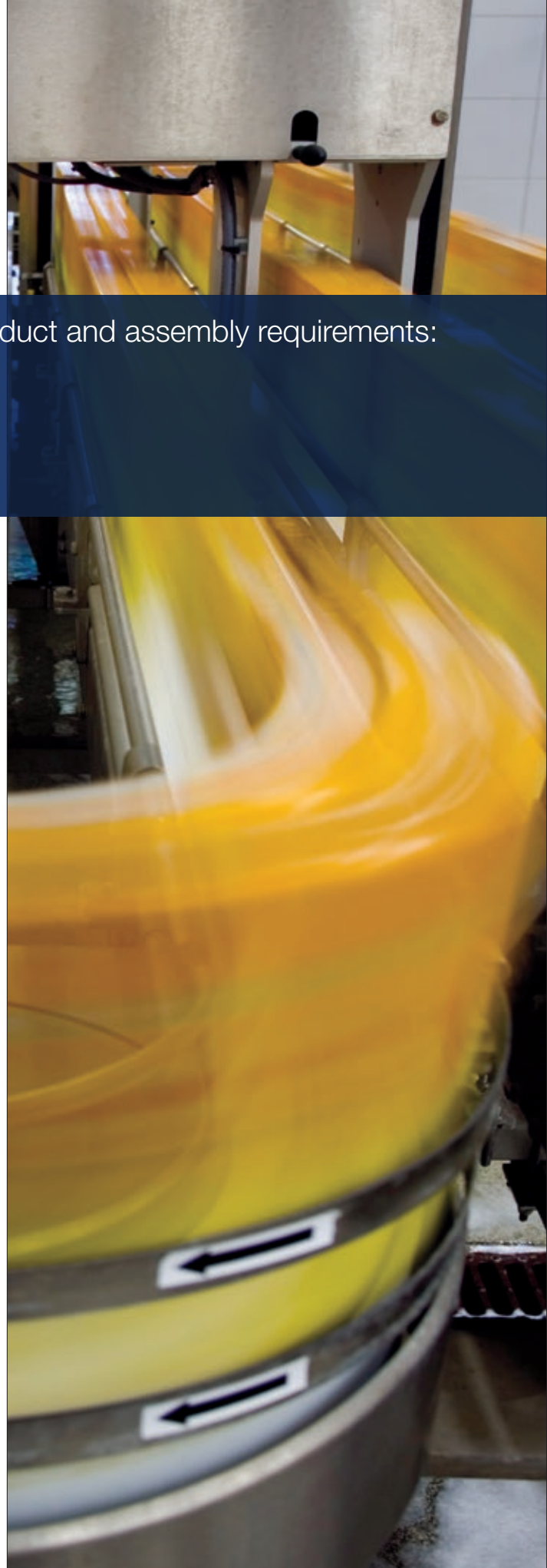
# Parameters of the GPP Program

The GPP Program includes the following product and assembly requirements:

- Dry technology design engineering
- Training for connector system assemblers
- Three-year leak-free warranty

1. All fluid connectors must be Parker Hannifin
2. All ports (including hydraulic tank), tube and hose ends, and ball valves must have elastomeric O-ring seals
3. All installers must be trained by Parker in Dry Technology
4. One set of torque wrenches must be available at the assembly site
5. Leak-proof warranty qualification on a model-by-model basis
6. Online registration form must be filled out by the end user for claim validity ([www.parker.com/gpp](http://www.parker.com/gpp))
7. All hose assemblies must meet minimum bend radii requirements
8. Parker SensoControl® verification of system pressures and spikes
9. Written Quality Control procedure for ensuring that all joints are assembled properly (copy to be submitted before approval)
10. No hose twist – use two wrenches
11. Proper clamping required
12. Proper line velocities required
13. Allow slack for hose expansion and contraction
14. Customer must maintain log of trained assemblers
15. Lubrication of port O-rings, Seal-Lok™ and flange O-rings before installation

**Note:** Parker will be responsible for assembly work only if performed by Parker employees. Parker is not engaged to supervise work except by formal written agreement for fee paid services.





# Genuine Parker Parts

## Parker Really Goes to Work for You

### The Process Begins

Original equipment manufacturers (OEMs) want to make and sell the best possible product to ensure end-user satisfaction and confidence. Within the OEM organization itself, the engineering department wants world-class performance and reliability. The purchasing department is striving for reliable sources, less vendors and overall cost reductions.

The marketing department needs to know the competitive advantages that can be promoted in advertising, sales literature and trade shows.

Business management, sales/marketing, service, operations and quality control want systems that will please their customers, generate sales and reduce after-sales service/warranty expenses.

The Genuine Parker Parts (GPP) program helps manufacturers achieve the overall goal while meeting each of its stakeholders' needs. The result is a superior manufactured product backed by Parker's exclusive Three-Year-Leak-Free Warranty.

The GPP process begins when your Parker Application Engineer meets with members from each team, gather on-site information, analyzes the data and maps out an overall plan. Once an OEM agrees to conform to the system parameters of the GPP program, Parker goes to work.



The GPP process begins with information gathering, analysis and plan development by your Parker Application Engineer.

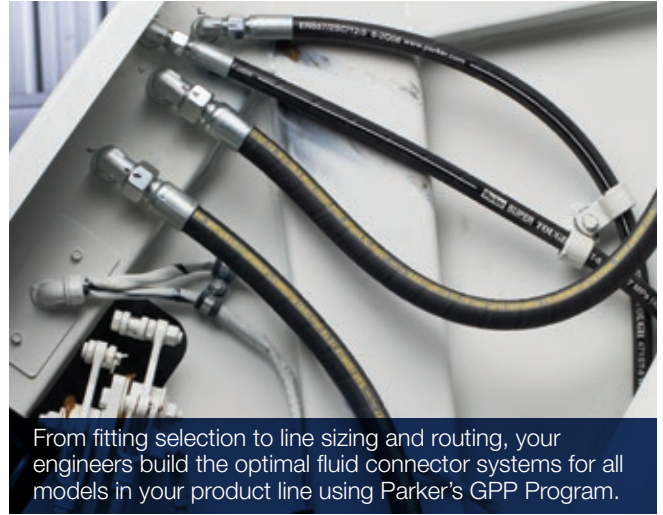


The process achieves a superior, warranty-backed product while satisfying the agendas of your participating teams.

# Performance Improvement

Parker Application Engineers consult with your engineering team as you design the best fluid connector system for each model in your product line. With information on efficient fitting selection to hose/tube line sizing and routing for optimal flow and minimal pressure loss, our engineers assist you with invaluable industry-proven experience.

The program's resulting Three-Year Leak-Free Warranty covers connector sealing surfaces. Hose life, of course, varies greatly with each application. However, the Parker engineering system analysis maximizes hose life due to improved routing schemes, hose selection and elimination of potential problem areas.

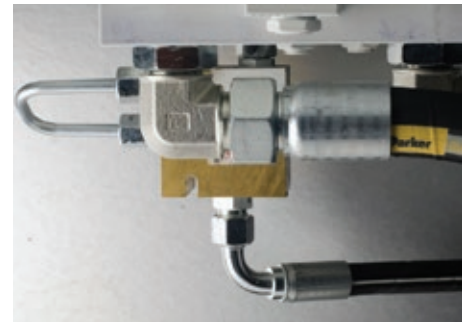


# Parts Reduction

The Parker Application Engineers work with you to reduce the number of potential leak paths, which usually means a reduction in the number of components. Fewer components can lead to a decrease in your cost of production.

Parker can reduce and standardize the different types of parts used in manufacturing your product. Your fluid connector system components can all be ordered from a single source, and kitting is available to consolidate parts required for a specific model's assembly. The GPP Program is about using the right components and the right assembly techniques for your specific application. And it's backed by Parker's exclusive Three-Year Leak-Free Warranty

Parker Application Engineers will work with you to determine the most efficient and economical schedule for delivery of its components to your production line.



By achieving significant design improvements, the GPP Program offers connector sealing surface warranties.

# Quality Manufacturing

Parker engineers, working with your manufacturing team, “plumb” the prototype unit to implement the designs developed by your engineers.

The goal is for your prototype to deliver a superior product that offers:

- Reduced leak paths
- Increased system accessibility
- Reduced number of connections
- Improved appearance
- Ensured reliability with Parker’s products
- Reduced system assembly time by improving the routing scheme

At the same time, your assemblers will receive training from Parker in Dry Technology. Your customers recognize the value and reliability of equipment assembled by certified connector assemblers.

Parker engineers analyze the prototype using the SensoControl® diagnostic system and all system parameters are recorded. Once your team approves the prototype, the model is certified under the GPP Program and awarded a Three-Year Leak-Free Warranty.



Our prototype analysis with the SensoControl® system prepares your product for approval and certification.

# Promotional Power

The GPP Program is an exceptional sales advantage for you. It assures that your customers will receive the highest-quality, most efficient fluid conveying system available. If a leak occurs, customers should contact Parker immediately. A Parker-trained technician will be available to provide support anywhere it is required. Procedures are fully explained in the warranty booklet that will accompany each piece of machinery covered under Parker’s Three-Year Leak-Free Warranty.

GPP products are eligible to be documented in custom-written case studies. Contact your Parker Application Engineer for more details.



Your GPP-certified products are supported by our global network of professionals and 24/7 information and assistance.

Parker Hannifin Corporation

**Fluid Connectors Group**

6035 Parkland Blvd.

Cleveland, OH 44124

United States

phone 216 896 3000

fax 216 896 4022

[www.parker.com/gpp](http://www.parker.com/gpp)

