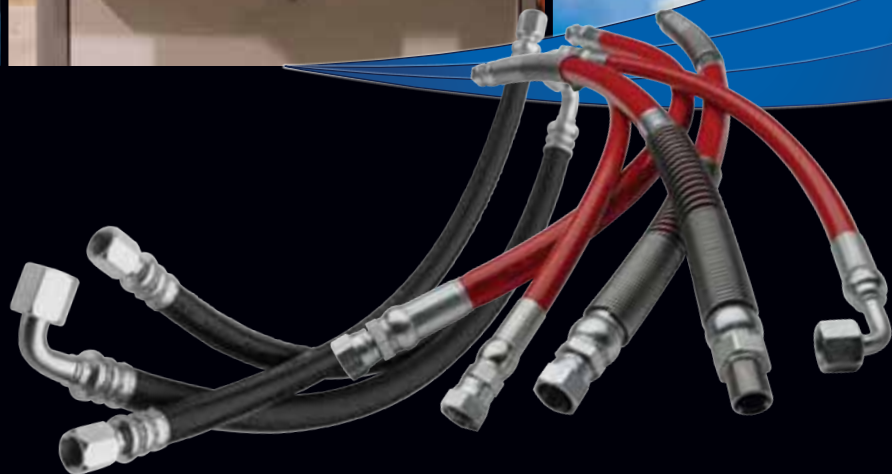




**EXOTIC**  
AUTOMATION & SUPPLY



**ALTERNATIVE FUELS: CNG / LPG  
HOSE ASSEMBLIES & COMPONENTS**

DISCOVER THE

# EXOTIC *Advantage*

Founded in 1963 as Exotic Rubber & Plastics Corp., Exotic Automation & Supply now serves as a key industrial partner to the world's leading manufacturers.

We have grown to become Parker Hannifin's premier motion and control partner in the midwest. Contact us today to discover The Exotic Advantage.

## **MOTION & CONTROL**

Supplier of hydraulic, pneumatic, electrical and mechanical equipment, systems & components.

## **SPECIALTY PRODUCTS GROUP**

Designer and fabricator of custom molded urethane, rubber and machine plastic components as well as standard and custom die cut gaskets.

## **C.A.R.E PROGRAM**

Exotic saves you money as part of our Cost of Acquisition Reduction by Exotic. By understanding our customers' business we can consistently deliver hard and soft savings through engineered solutions and operating efficiencies.



## **ENGINEERING SERVICES**

Designer and fabricator of custom hydraulic power units, pneumatic manifold assemblies, and complete drive system solutions.

## **MOBILE REPAIR SERVICE**

Our **Hose Doctor** mobile repair trucks are available 24 hours a day, 7 days a week to service your emergency down time needs.

## **COMMODITY MANAGEMENT SERVICES**

With just-in-time deliveries, bin fill programs, and complete inventory management services, you can turn to Exotic for all of your inventory and production needs.



## CUSTOM HOSE ASSEMBLIES FROM EXOTIC

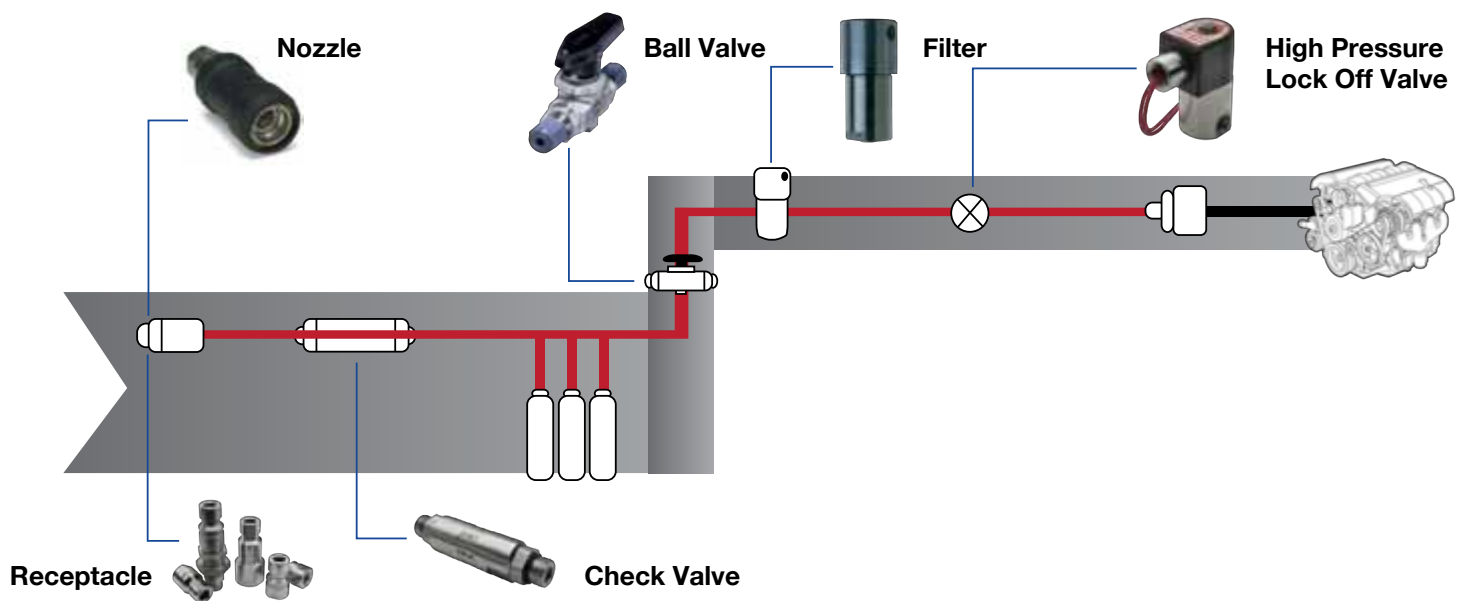
Exotic Automation & Supply is a CSA certified manufacturer of custom hose assemblies. Exotic utilizes proprietary CNG / LPG products from Parker Hannifin; the largest manufacturer of CNG / LPG hoses, fittings and assemblies in the world.

### CSA Certified

- OHMS Testing
- Static Pressure Testing
- Electrical Conductivity of all Hose Assemblies
- Certified Tested to 2x Working Pressure



## ALTERNATIVE FUELS SYSTEMS: ON-BOARD



## ON-BOARD COMPONENTS



### **High Pressure Compressed Natural Gas (CNG) Hoses**

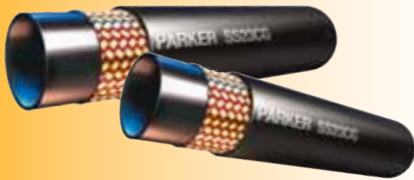
Parker Parflex CNG Hoses are the preferred choice for converters. Conductivity is achieved through the utilization of a proprietary synthetic inner core that dissipates static build up. The hoses feature a proprietary polyurethane jacket to allow for maximum flexibility, durability, abrasion resistance, and protection from outdoor elements including ultraviolet light. The result is optimum gas permeation resistance and reliable performance.

**Temperature Range:** -40°F to +180°F

**Working Pressure:** Up to 5,000 PSI

**Conforms to:**

- NFPA 52
- ANSI/IAS NGV 4.2-1999
- CSA12.52 - M99



### **Low Pressure Compressed Natural Gas (CNG) and Liquefied Petroleum Gas (LPG) Hoses**

Parker's SS23CG hoses are the perfect choice for manufacturers of CNG and LPG Low Pressure requirements. SS23CG features a proprietary synthetic inner core, steel braid reinforcement, and rugged outer cover. The result is optimum gas permeation resistance and reliable performance.

**Temperature Range:** -40°F to +250°F

**Working Pressure:** Up to 425 PSI

**Conforms to:**

- ECE R110/R67
- UL21, 588, 569
- CGA Type III, ECE110 CLASS 1 / UL STANDARD 21 LPG



### **Receptacles – NGV1 Profile, Filtered and Non-Filtered**

Parker's FM Series receptacles are available in both standard and non-filled filtered configurations and are NGV1/ANSI Certified. Designed for rigid mounting on vehicles.



### **Check Valves**

Parker C Series check valves enable unidirectional control of compressed liquids and gases. To accommodate the diverse range of CNG and LPG designs Exotic offers check valves constructed of nitrile, fluorocarbon, ethylene propylene, and neoprene with six configurations available.



### **Ball Valves**

Key to efficient operation is the precise control and monitoring of system fluids and gases. Parker's Two-Way B Series ball valves are available with manual, pneumatic, and electrical actuation. This allows for quick ¼ turn on-off control of fluids utilized in process or instrumentation applications.



### ***Coalescers & Filters***

Filtration is an integral part of CNG and LPG on-board vehicles. Exotic has Parker coalescing filtration available to remove moisture from your system. Exotic has high pressure filters to remove contamination from CNG / LPG dispensing systems.



### ***High & Low Pressure Lock-Off Solenoid Valves***

Exotic provides high and low pressure lock-off solenoid valves from Parker for CNG / LPG on-board applications. Designed for single and multi-tank configurations to provide bubble-tight leakage down to 0 PSI for optimum sealing performance.



### ***Seal-Lok Fittings***

Seal-lok fittings and adapters from Parker are available in both steel and stainless steel construction with various sealing compounds. Parker Seal-lok fittings are approved to the ECE R110 regulation and ISO 15500 standard.

## **DISPENSING COMPONENTS**



### ***Dispensing Nozzles***

Dispensing nozzles from Parker Hannifin provide even flow when filling CNG into vehicles. Parker's Push-To-Connect FM Series nozzles are designed specifically for transferring compressed natural gas from compressors and dispensers to vehicles and equipment.



### ***Dispensing Filtration***

Exotic provides coalescing, particulate and adsorption filtration and elements for CNG / LPG dispensing applications. Parker finite filters have flow rates from 10 SCFM to 18,000 SCFM.



### ***Dispensing Hose Assemblies***

Exotic provides high pressure 5,000 PSI dispensing hose assemblies in a single line or dual vented line options with break away couplings.



### ***Exotic Specialty Products Group – Custom Molded Products***

Exotic Automation & Supply's Specialty Products Group provides a full portfolio of rubber and plastic components for CNG and LPG applications:

- Isolators
- Grommets
- Receptacle Holders
- Bumpers
- Gaskets
- Receptacle Covers



**FARMINGTON HILLS -  
CORPORATE HEADQUARTERS**

34700 Grand River Avenue  
Farmington Hills, MI 48335

**(248) 477-2122**

(248) 477-0427 Fax

[sales@erpc.com](mailto:sales@erpc.com)



**FARMINGTON HILLS PARKER STORE**

34700 Grand River Avenue  
Farmington Hills, MI 48335

**(248) 477-2122**

(248) 477-0427 Fax

**FLINT PARKER STORE**

4186 Pier North Blvd. Suite A  
Flint, MI 48504

**(810) 720-4370**

(810) 720-4380 Fax

**FREELAND PARKER STORE**

10359 Hercules Drive  
Freeland, MI 48623

**(989) 695-5300**

(989) 695-2478 Fax

**JACKSON PARKER STORE**

2340 East High Street  
Jackson, MI 49203

**(517) 787-1540**

(517) 787-3922 Fax

**LANSING PARKER STORE**

4500 Empire Way, Suite 1  
Lansing, MI 48917

**(517) 322-0113**

(517) 322-9366 Fax

**ROCHESTER HILLS  
PARKER STORE**

1938 Star Batt Drive  
Rochester Hills, MI 48309

**(248) 299-2400**

(248) 299-2406 Fax

**TAYLOR PARKER STORE**

20575 Northline Road  
Taylor, MI 48180

**(734) 282-7775**

(734) 282-7450 Fax

**CLEVELAND SERVICE CENTER**

**(216) 252-7355**

(248) 426-3784 Fax



Rev1 09/12