

# FLUID TRANSFER SYSTEMS

FOR OEM MOTORCYCLE AND ATV



OUR EXPERTISE

Founded in 1969, Goodridge has been manufacturing fluid transfer systems for OEM, Motorsport and Performance based motorcycle applications for over fifty years. Working in partnership with motorsport teams has allowed Goodridge to refine fluid transfer systems developed in motorsport and apply elements of this technology to road going applications, improving performance without sacrificing reliability. We pride ourselves in being adaptable to your

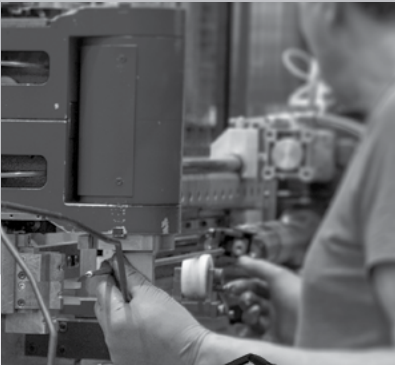
requirements, ranging from a 'build to print' service, to offering a full consultation, design and manufacturing solution. Goodridge manufacturers in eleven locations globally, with facilities in the UK, Europe, Asia and North America. Our global talent base and manufacturing capability mean we can support our customers, across multiple locations, worldwide.

50 YEARS OF  
FLUID TRANSFER  
EXPERIENCE



MANUFACTURING AND  
DESIGN CAPABILITIES

Goodridge has a team of in-house design engineers available to assist and offer consultancy based services. Customers are allocated a bespoke design engineer and project manager.



OEM - MOTORCYCLE AND ATV PRODUCTS

Goodridge supply performance brake, clutch, fuel, oil and coolant fluid transfer assemblies into OEM motorcycle and ATV markets to the largest OEM manufacturers globally.



FUEL



BRAKE



COOLANT



CLUTCH



OIL

FUEL	CLUTCH	BRAKE	OIL	COOLANT AND EV COOLANT
<p><b>Product</b></p> <ul style="list-style-type: none"><li>• ARaymond quick connectors</li><li>• R7/R9/R10/R12 series hose</li><li>• Hose clamps</li><li>• Anti abrasion sleeves</li></ul> <p><b>Applications</b></p> <ul style="list-style-type: none"><li>• Fuel tank to pump</li><li>• Fuel pump to injector/rail</li><li>• Return</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>• EPDM</li><li>• PTFE</li></ul>	<p><b>Product</b></p> <ul style="list-style-type: none"><li>• Stainless steel braided PTFE lined flexi hose</li><li>• Nylon covered Stainless steel braided PTFE lined flexi hose</li><li>• Z1 plated mild steel hard line</li><li>• Banjo fittings and TUV collars</li></ul> <p><b>Applications</b></p> <ul style="list-style-type: none"><li>• Master cylinder to slave cylinder</li><li>• Clutch reservoir to master cylinder</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>• Stainless steel</li><li>• Mild steel</li><li>• Chrome</li><li>• Titanium</li></ul>	<p><b>Product</b></p> <ul style="list-style-type: none"><li>• Stainless steel braided PTFE lined flexi hose</li><li>• Nylon covered stainless steel braided PTFE lined flexi hose</li><li>• Z1 plated mild steel hard line</li><li>• Banjo fittings and TUV collars</li></ul> <p><b>Applications</b></p> <ul style="list-style-type: none"><li>• Master cylinder to slave cylinder</li><li>• ABS braking systems</li><li>• Brake reservoir to master cylinder</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>• Stainless steel</li><li>• Mild steel</li><li>• Chrome</li><li>• Titanium</li></ul>	<p><b>Product</b></p> <ul style="list-style-type: none"><li>• PTFE lined stainless steel/aramid fibre braided hose</li><li>• AN fittings and collars</li></ul> <p><b>Applications</b></p> <ul style="list-style-type: none"><li>• Engine to oil cooler</li><li>• Sandwich plate to oil cooler</li><li>• Crankcase breather</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>• PTFE</li><li>• Aluminium/stainless steel fittings</li><li>• Aluminium/stainless steel hardline</li></ul>	<p><b>Product</b></p> <ul style="list-style-type: none"><li>• Silicone hose</li><li>• Textile reinforced elastomer hose</li></ul> <p><b>Applications</b></p> <ul style="list-style-type: none"><li>• Radiator to engine</li><li>• Water pump to engine</li><li>• Reserve tank to engine</li><li>• Overflow</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>• Silicone</li><li>• Elastomer</li><li>• Textile reinforced rubber</li></ul>

In-House Manufacturing Capabilities:

- CNC tube bending
  - End forming
  - Brazing
- TIG welding
  - CNC milling

Design services:

- In-house design department
- Full service supplier
- Build to print
- Dedicated project team
- Defined scope of work

Software supported:

- Catia V5
- Solidworks

File formats supported:

- IGES, STEP, ACTS, DXF, DWG, SLDTP - CATpart

Goodridge mobile workshop

Require 'on-site' assistance? The Goodridge mobile workshop, complete with design engineer, is available to visit your premises to assist with prototyping and complex plumbing solutions.

Production and prototyping

In-house manufacturing and a global supply chain give flexibility and control to produce prototyping and production for Tier one and Tier two customers. A unique advantage gained by manufacturing in-house is the ability to seamlessly transition from prototype to high volume production runs, resulting in shorter lead times.

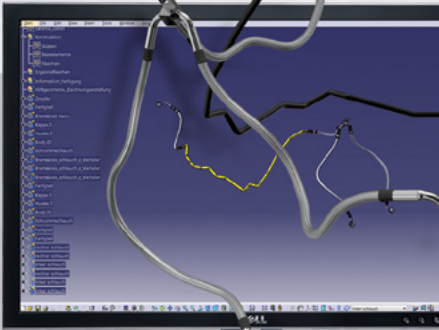
Quality

**Pressure testing** - Up to 10,000 psi / pulse cycle testing.

**Endoscopy** - Visual inspection of hoses and tubular assemblies down to 1mm diameter.

Fatigue testing:

- Hose 'Whip' testing with TUV/DOT criteria
- Tensile testing—up to 20 KN
- Salt spray testing
- Bespoke durability installation rigs
- Surface hardness testing



Certificate No. BV345629





## EUROPE

OEM, PERFORMANCE  
AFTERMARKET & MOTORSPORT

### EXETER

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PERFORMANCE AFTERMARKET  
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& MOTORSPORT

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