It's superior training and support you only get with MOOG.

**INDUSTRY EXPERTISE**

**Technical Training & Support**

Today’s vehicle technologies create new challenges for technicians. That’s why Federal-Mogul Motorparts offers an array of industry-leading training and support options:

- Technical Education Center
- ASE-certified call center
- In-market seminars
- Live webinars
- 24/7 parts look-up
- Technical web-based library

It’s superior training and support you only get with MOOG.

**Problem Solvers**

MOOG Problem Solver bulletins give technicians solutions to undercar repair problems. Each of these informative full-color sheets describes a specific issue, lists the vehicles affected and includes photos of failed parts. The bulletin describes and shows the MOOG component designed to solve that particular problem, and lists the necessary part numbers.

**TOTAL UNDERCAR SOLUTIONS**

MOOG® offers the complete steering and suspension solution today’s technicians need. With MOOG you get superior products with advanced engineering and problem-solving innovation, industry-leading technical expertise, and the broadest range of foreign and domestic coverage.

For parts lookup, visit [www.FMe-cat.com](http://www.FMe-cat.com) or one or more of its subsidiaries, in one or more countries. All rights reserved. Form # DYK15-101
MOOG® COMPLETE STRUT ASSEMBLIES
A KEY COMPONENT OF THE COMPLETE UNDERCAR SOLUTION

When it comes to total undercar solutions, MOOG® steering and suspension components are the choice of more professional technicians. MOOG’s leading-edge engineering, metallurgy and manufacturing, along with long-lasting, problem-solving performance, have earned the trust of technicians. MOOG complete strut assemblies are the latest product from this trusted brand.

MOOG® COMPLETE STRUT ASSEMBLIES FEATURE SUPERIOR DESIGN AND CONSTRUCTION AND MOOG PROBLEM-SOLVING INNOVATION.

THEY ARE ENGINEERED TO:
• Improve vehicle dynamics
• Provide a smoother ride
• Last longer
• Install easily

SPRING TOP PLATE
Tested to one million cycles under extreme load. Ensures smoother operation, optimal performance and an extended lifetime.

MOOG JOUNCE BUMPER
Molded from micro-cellular polyurethane. Absorbs harsh, damaging road impact and noise, for quieter driving.

SPRING
Engineered for long-term, consistent performance. Premium coating for optimal corrosion resistance.

NITROGEN GAS CHARGED
Reduces cavitation and improves valve response and efficiency, resulting in optimal control and better ride characteristics.

PISTON ROD
Highly polished, hard-chrome finish for enhanced seal function and improved durability.

HYDRAULIC OIL
Low-friction, low-viscosity fluid withstands a wide range of temperatures, providing consistent performance in all conditions.

PISTON BAND
One-piece, over-molded PTFE piston band contributes to a quieter, smoother ride.

VALVING
Precision valving provides optimum driving performance combined with outstanding ride control.

HARDWARE
OE-style installation hardware included on select applications.

ROBUST BRACKETS/ATTACHMENT POINTS
Reinforced to further enhance component integrity and durability.

OUTER WIPER SEAL cleans the piston rod, preventing contaminants from entering the strut and damaging the main seal.

MAIN SEAL with one-piece molded design features twin seal lips, optimizing sealing performance and durability.

INNER PTFE BUFFER SEAL absorbs high pressure fluid spikes caused by rough road impact, improving the efficiency of the main seal, resulting in longer seal life. Also reduces friction, for improved ride.

TRIPLE PISTON ROD SEAL
Fluid charged
Reduces cavitation and improves valve response and efficiency, resulting in optimal control and better ride characteristics.

PISTON BAND
One-piece, over-molded PTFE piston band contributes to a quieter, smoother ride.

VALVING
Precision valving provides optimum driving performance combined with outstanding ride control.

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