

NEW PRODUCT HIGHLIGHT | APR2020



febi 106252

to fit:
Renault Trucks C-, K-, T- Series
Volvo Trucks B9, B11, B12, B13, FH (G3), FH
(G4), FM (G3), FM (G4)



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SOLENOID VALVE FOR SPLITTER GEAR

Function

Heavy commercial vehicles are equipped with gearboxes with numerous gears to move heavy loads with the available engine power. For switching the gears, solenoid valves are needed. To initiate the mechanical shift action in the gearbox, solenoid valves are actuated electrically by the automatic shift control, the manual switches on the gearshift knob, or by the dashboard to switch pressurized air on and off via a pneumatic valve.

Cause of Failure

Since the solenoid valve consists of an electric and a pneumatic part, failures can occur in both parts. In the electric part, contact problems on the connector as well as a defective cable can cause problems. The pneumatic part can cause trouble when the air connection leaks or when the pneumatic system is not maintained well. If contaminated air with oil and dirt particles comes into the valve, it may not switch correctly or it can get stuck completely in the worst-case scenario.

For more technical information, please visit: partsfinder.bilsteingroup.com