

GPOP - Issue Review System

Part Number: R8572790A\$

Part Description: Qudra Lift Reman Compressor

Issue Excessive Repairs on Quadra Lift Reman Compressors Part Numbers:
Description: 68041137AF / R8572790AA / 68087233AA / 52124932AE / 52124934AE / 68064343AC
Purpose The Star Parts Catalog has been updated to support component-level repair of the Quadra-Lift air suspension system. Replace only the component confirmed failed through diagnostics. Avoid replacing the complete assembly when an individual service component can correct the concern. Available Service Components Part Number Description
R8572790AA Air Suspension Compressor 68087233AA Air Suspension Valve Block
52124932AE Front Air Suspension Hose Assembly 52124934AE Rear Air Suspension Hose Assembly 68064343AC Air Suspension Reservoir 68087240AA Temperature Sensor
68041137AF Compressor Assembly Diagnostic Decision Tree ☐ Customer Complaint: Service Air Suspension Message / Sagging / Unable to Adjust Ride Height / Compressor Running Continuously. ☐ Step 1:
Retrieve and record all DTCs. ☐ C15D9 (Low Air Mass):
Perform air mass test, complete system fill, leak-down test, and leak source identification before compressor replacement. ☐ C15A1 (Unable to Obtain Desired Ride Height):
Verify ride height, perform leak-down test, inspect valve block, air lines, and air springs. ☐ C1562-98 (Over Temperature):
Inspect for excessive compressor run time, leaks, low air mass, and restrictions before condemning the compressor. ☐ If a leak is found, repair the leak and verify operation before replacing the compressor. ☐ If no leak is found, perform compressor functional evaluation. ☐ If moisture is in the lines and valve block, then evacuate or replace lines. ☐ Only replace the compressor when a defect is verified (internal leak, failed solenoid, weak output, seized motor, failed functional test, or electrical failure). Service Component Selection Guide
Verified Root Cause Recommended Repair Compressor Internal Failure Replace
Compressor Valve Block Failure Replace Valve Block Air Line Leak Replace Air Line Air Spring Leak Replace Air Spring Temperature Sensor Failure Replace Temperature Sensor
Technician Reminder Replace only the component confirmed failed through diagnostics. In many cases, compressor replacement is not required when the root cause is an air leak, valve block issue, airline concern, or sensor fault.