SEA

Springfield Euro Auto EXAMPLE SHOP

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TECHNICIAN WORKSHEET · 4.2/4.4L AJ-V8
RA-LRAJV8-123456-20261028

2006 Land Rover LR3 · L319 LR3 HSE 4.4 V8 · 4WD

SALAG25456A123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
115,000			

A · RECALLS AND CAMPAIGNS TO VERIFY (DEALER PRINTOUT OR NHTSA.GOV)

07V-011 · Fuel tank breather pipe can detach and leak fuel (2005–2006 LR3)	☐ Open ☐ Done ☐ N/A
05V-502 · Park may not engage (2006 LR3, Range Rover, Range Rover Sport)	☐ Open ☐ Done ☐ N/A
08V-248 · Air bags · driver (clockspring wiring)	☐ Open ☐ Done ☐ N/A
06V-131 · Ignition · key removal	☐ Open ☐ Done ☐ N/A
05V-501 · Seat belts · rear left buckle	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Coolant leaks: thermostat housing, hoses and expansion tank pipe

Watch · Any mileage (Jaguar bulletins for 2003–2009 V8 models; check any AJ-V8)

Pressure-test the cooling system	☐ OK ☐ Watch ☐ Fix
Inspect the thermostat housing, hoses and expansion tank pipe	☐ OK ☐ Watch ☐ Fix

Coolant level drop between services

Scan for: P0128, P0217

Parts (L319): Ask your parts supplier for the OE part number for this VIN.

2. Clogged fuel injectors (misfire, detonation)

Watch · Any mileage (Jaguar bulletin for AJ-V8 engines (S-Type, XF, XJ, XK))

Read misfire counters and fuel trims per bank	☐ OK ☐ Watch ☐ Fix
Injector balance test	☐ OK ☐ Watch ☐ Fix

Fuel trims bank 1 / bank 2 (%)

Scan for: P0300, P0171, P0174

Parts (L319): Ask your parts supplier for the OE part number for this VIN.

3. Catalytic converter efficiency codes (P0420 / P0430)

Watch · Any mileage (2009 LR3 and Range Rover Sport (4.4 under 80,000 mi; 4.2 supercharged software fix))

Scan for P0420/P0430 and misfire history	☐ OK ☐ Watch ☐ Fix
Compare upstream and downstream oxygen sensor signals	☐ OK ☐ Watch ☐ Fix

Scan for: P0420, P0430

Parts (L319): Ask your parts supplier for the OE part number for this VIN.

4. Engine software updates (hot-soak stall, high-altitude power loss)

Watch · Any mileage (Jaguar 4.2 NA XF 2009–2010, XJ 2006–2009, XK 2007–2009; LR3 2005–2009 and Range Rover Sport 2006–2009 4.4)

Check ECM software level against the bulletins	☐ OK ☐ Watch ☐ Fix

Scan for: P0171, P0172, P0174, P0175

Parts (L319): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE

Not on this report for this car. Check the service records and the maker's schedule (brake fluid, spark plugs, coolant, transmission fluid). ☐ Records checked ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 4.2/4.4L AJ-V8, QUICK CHECKS

- **Air suspension / brakes / steering** (259 complaints): Most LR3 and Range Rover complaints are about suspension, brakes and steering, not the engine.
- **Transmission** (187 complaints): Includes the park-pawl recalls 05V-502/05V-503 and 04V-024; check they are done.
- **Fuel smell / fuel leak** (32 complaints): Fuel tank recalls 05V-376, 07V-011, 06V-358, 06V-418 and 06V-467; check they are done.

NOTES FOR THE ADVISOR

Record findings here (OK / Watch / Fix and measurements); the advisor adjusts the quote before the handout is printed or sent.

Reference only. Follow Land Rover repair procedures and your shop's judgment.