SEA **Springfield Euro Auto** EXAMPLE SHOP
service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · 5.0 V8 AJ133 / 3.0 V6 SC
RA-LRAJ133-123456-20261027

2013 Land Rover LR4 · L319 LR4 HSE 5.0 V8 · 4WD

SALAG2D47DA123456

ODOMETER IN: 102,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

21V-635 · Fuel tank outlet flange can crack (2010–2013 Range Rover Sport, 2010–2016 LR4) ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Plastic coolant pipes and thermostat housing seams

Check now · Past the range (24,000–60,000 mi, the middle half of 10 owner reports)

Pressure-test ☐ OK ☐ Watch ☐ Fix

Inspect pipe seams with a mirror ☐ OK ☐ Watch ☐ Fix

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

2. Timing chain tensioners and guides

Plan · Any mileage (2010–2014 5.0 V8 in Land Rover bulletins; partial extended warranty on 2012–2014 LR4 and Range Rover Sport has ended)

Cold-start and idle listen ☐ OK ☐ Watch ☐ Fix

Read cam/crank correlation values ☐ OK ☐ Watch ☐ Fix

Correlation values vs. limit

Scan for: P0016, P0017, P0018, P0019

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

3. Water pump leak

Watch · Any mileage (2010–2015 LR4, Range Rover and Range Rover Sport bulletins; later models too)

Pressure-test the cooling system ☐ OK ☐ Watch ☐ Fix

Check pump bearing play ☐ OK ☐ Watch ☐ Fix

Coolant drop per week

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

4. Supercharger isolator wear (rattle)

Watch · Any mileage (5.0 supercharged V8)

Listen at the supercharger snout ☐ OK ☐ Watch ☐ Fix

Check isolator backlash ☐ OK ☐ Watch ☐ Fix

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 5.0 V8 AJ133 / 3.0 V6 SC, QUICK CHECKS

- **Stalling / loss of power** (130 complaints): Mixed causes; includes recalls 19V-039 / 19V-040 (2019 crankshaft pulley bolt) and fuel recalls.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Plastic coolant pipes and thermostat housing seams
Plastic coolant pipes and the thermostat housing can leak along their welded seams. At 102,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,600, before tax and shop supplies. Left until it fails, published repair bills run $3,600–$5,300.
Ask: have you noticed low coolant message, or coolant smell?

2. Timing chain tensioners and guides
Wear on the timing chain tensioner lever reduces chain tension and makes a rattle or click at the front of the engine. Owners report it at all mileages, so it is worth a look at every visit. Our price is $2,900, before tax and shop supplies.
Ask: have you noticed rattle or click at idle, or cold-start rattle?

Adjust after the inspection. The report is not a diagnosis or a guarantee, so say what the technician found, not what the report predicts.

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.