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

2017 Land Rover Discovery Sport · L550 Discovery Sport HSE 2.0 Si4 petrol, 9-speed automatic · AWD

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ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
86,000			

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

16V-942 · Seat belts · front pretensioners ☐ Open ☐ Done ☐ N/A

16V-889 · Front suspension · lower control arm fasteners ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Intake cam timing actuator and timing chain

Check now · Past the range (61,000–83,000 mi, the middle half of 13 owner reports)

Listen for start-up rattle ☐ OK ☐ Watch ☐ Fix

Scan for P0016/P0017/P0026/P0341 ☐ OK ☐ Watch ☐ Fix

Inspect the intake actuator stopper per LTB00916 ☐ OK ☐ Watch ☐ Fix

Actuator: OK / replaced / not checked

Scan for: P0016, P0017, P0026, P0341

Parts (L550): Ask your parts supplier for the OE part number for this VIN.

2. Turbocharger and integrated exhaust manifold

Check now · Past the range (49,000–72,000 mi, the middle half of 21 owner reports)

Scan for boost codes (P0299) ☐ OK ☐ Watch ☐ Fix

Smoke-test the exhaust manifold for cracks ☐ OK ☐ Watch ☐ Fix

Check boost on a road test ☐ OK ☐ Watch ☐ Fix

Boost: normal / low

Manifold: no leak / leaking

Scan for: P0299, P0234, P0236

Parts (L550): Ask your parts supplier for the OE part number for this VIN.

3. Coolant leaks and overheating

Watch · Any mileage (No clear mileage pattern: only 4 owner complaints state a mileage)

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

Inspect the plastic coolant outlet and hoses ☐ OK ☐ Watch ☐ Fix

Cooling system: dry / seeping

Scan for: P0128, P0217

Parts (L550): 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 2.0 SI4 (FORD 2.0 ECOBOOST), QUICK CHECKS

- **Steering** (130 complaints): Mostly electric power steering complaints and steering recalls; not engine faults.
- **Brakes** (103 complaints): Mostly hard brake pedal and brake vacuum pump complaints; not engine faults.
- **Automatic transmission (9-speed)** (72 complaints): The ZF nine-speed automatic in 2014-on Evoques and the Discovery Sport: harsh shifts and sudden shifts to neutral (recall 16V-614 on early 2015 Discovery Sports). A transmission fault, not an engine fault.
- **Battery / stop-start** (31 complaints): Battery drain and stop-start faults; electrical, not engine.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Intake cam timing actuator and timing chain

The intake camshaft timing (VCT) actuator can fail when a stopper inside it comes loose: Land Rover's own bulletin describes a rattle and timing codes. At 86,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $165, before tax and shop supplies.

Ask: have you noticed rattle from the engine, especially at start-up, or check-engine light with P0016, P0017, P0026 or P0341?

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2. Turbocharger and integrated exhaust manifold

The turbo is built into the exhaust manifold as one part. At 86,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $165, before tax and shop supplies.

Ask: have you noticed sudden loss of power or limp mode, often on the highway or a hill, or check-engine light with P0299 (under-boost)?

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.