SAC **Springfield Auto Care** EXAMPLE SHOP
service@springfield-auto-care.example

TECHNICIAN WORKSHEET · 2.5L PR25DD (DIRECT INJECTION)
RA-PR25-123456-20261028

2020 Nissan Altima · L34 Altima 2.5 SV sedan · FWD

1N4BL4DV1LC123456

ODOMETER IN: 74,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

21V-169 · Tires — ☐ Open ☐ Done ☐ N/A

21V-138 · Steering · linkages · tie rod assembly — ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Coolant loss, EGR cooler or head gasket leaks (owner reports)

Watch · Any mileage (Owner reports, mostly 2021 Rogue and 2019–2020 Altima, often past 70,000 mi)

- Check the coolant level against the last service — ☐ OK ☐ Watch ☐ Fix
- Pressure-test the cooling system — ☐ OK ☐ Watch ☐ Fix
- Check for combustion gas in the coolant — ☐ OK ☐ Watch ☐ Fix
- Look at the spark plugs for coolant fouling — ☐ OK ☐ Watch ☐ Fix
- Coolant: full / low
- Combustion gas test: pass / fail

Scan for: P0300, P0301, P0302, P0303, P0304

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

2. CVT judder, shift-error codes and failure

Watch · Any mileage (2019–2020 Altima CVT judder bulletin; 2020 Altima and 2021 Rogue TCM codes)

- Scan the TCM for P17F0 / P17F1 / P0776 / P2813 / P0841 / P0742 / P0780 — ☐ OK ☐ Watch ☐ Fix
- Check CVT fluid level and condition — ☐ OK ☐ Watch ☐ Fix
- Road test from a stop for judder — ☐ OK ☐ Watch ☐ Fix
- CVT fluid: clean / dark / burnt

Scan for: P17F0, P17F1, P0776, P2813, P0841, P0742, P0780

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

3. "Engine Malfunction Power Reduced" warning (EGR valve, P0404)

Watch · Any mileage (2019–2022 Altima and 2021 Rogue, mostly in freezing weather)

- Scan the ECM for P0404 — ☐ OK ☐ Watch ☐ Fix
- Check the ECM part number against NTB22-097 / NTB21-092 — ☐ OK ☐ Watch ☐ Fix
- Check the EGR valve operation — ☐ OK ☐ Watch ☐ Fix

Scan for: P0404

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

4. Active grille shutter sticks closed (extended warranty)

Watch · Any mileage (2019–2020 Altima; emission warranty extended to 15 years / 150,000 mi)

- Scan for grille shutter codes — ☐ OK ☐ Watch ☐ Fix
- Watch the louvers open with the engine hot — ☐ OK ☐ Watch ☐ Fix
- Shutter: opens / stuck

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

5. Exhaust valve timing solenoid (P0015) — Watch · Any mileage (2019–2020 Altima)

Scan for P0015 ☐ OK ☐ Watch ☐ Fix

Confirm which solenoid was replaced ☐ OK ☐ Watch ☐ Fix

Scan for: P0015

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

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6. Intake manifold runner valve codes after very cold starts (P2004 / P2015) — Watch · Any mileage (2019–2020 Altima, cold starts below 0°F)

Scan for P2004 / P2015 ☐ OK ☐ Watch ☐ Fix

Scan for: P2004, P2015

Parts (L34): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 104,000 MI (ASK FOR RECORDS)

Brake fluid · every 20,000 mi or 2 years · was due at 60,000 mi and by age (check records) · $129 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 2.5L PR25DD (DIRECT INJECTION), QUICK CHECKS

- **Automatic emergency braking / driver aids** (158 complaints): False automatic emergency braking and driver-aid warnings; not an engine fault.
- **Steering / tie rods** (74 complaints): Steering and tie-rod complaints (recall 21V-138 on some 2020–2021 Altimas); not an engine fault.
- **Stalling** (70 complaints): Stalls have several causes in these complaints (fuel pump recall, coolant loss, transmission, 12V battery); the matching weak points cover the main ones.
- **Air bags** (58 complaints): Air bag complaints; not an engine fault.
- **Battery / no start** (57 complaints): Mostly 12V battery and electrical complaints; check the battery and charging system first.
- **Engine fire / smoke** (39 complaints): Few reports, mostly smoke from coolant loss; covered under the coolant item and the fuel recalls.

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 Nissan repair procedures and your shop's judgment.