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

TECHNICIAN WORKSHEET · 2.4L KA24DE
RA-KA24-123456-20261028

2001 Nissan Altima · L30 Altima 2.4 GXE sedan · FWD

1N4DL01D91C123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
156,000			

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

No tracked engine recalls listed for this model year.

B · INSPECTION POINTS, IN PLAN ORDER

1. Intake manifold gasket leak at cylinder 4 (rough idle, P0304)

Check now · Past the range (57,000–88,000 mi, the middle half of 26 owner reports)

- Scan for P0304 and lean codes (P0171) ☐ OK ☐ Watch ☐ Fix
- Smoke-test the intake manifold ☐ OK ☐ Watch ☐ Fix
- Check fuel trims at idle ☐ OK ☐ Watch ☐ Fix
- Smoke test: pass / leak at #4
- Scan for: P0304, P0171
- Parts (L30): Ask your parts supplier for the OE part number for this VIN.

2. Torque converter clutch code P0740 (automatic)

Watch · Any mileage (2000–2001 Altima automatic)

- Scan for P0740 ☐ OK ☐ Watch ☐ Fix
- Check ATF level and condition ☐ OK ☐ Watch ☐ Fix
- ATF: clean / dark
- Scan for: P0740
- Parts (L30): 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 2.4L KA24DE, QUICK CHECKS

- **Brakes** (40 complaints): Brake complaints; not engine faults.
- **Air bags** (37 complaints): Air bag complaints; not engine faults.
- **Steering / suspension** (16 complaints): Steering and suspension complaints; not engine faults.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Intake manifold gasket leak at cylinder 4 (rough idle, P0304)
On 2000–2001 Altimas the intake manifold gasket next to cylinder 4 commonly leaks. At 156,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $700, before tax and shop supplies.
Ask: have you noticed rough or shaking idle at stops, or high or hunting idle?

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 Nissan repair procedures and your shop's judgment.