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

TECHNICIAN WORKSHEET · 2.0L 1AZ-FE / 3S-FE
RA-TOY1AZ-245678-20261028

2002 Toyota RAV4 · XA20 RAV4 4WD 2.0 (1AZ-FE) · 4WD

JTEHH20VX20245678

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
140,000			

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. Engine computer (ECM) fault causing harsh shifts and transmission damage

Check now · Past the range (80,000–118,000 mi, the middle half of 208 owner reports)

- Scan for P0750 / P0753 / P0755 / P0758 / P1760 — ☐ OK ☐ Watch ☐ Fix
- Road test for shift quality from a stop — ☐ OK ☐ Watch ☐ Fix
- Check transmission fluid level and condition — ☐ OK ☐ Watch ☐ Fix
- Shifts: smooth / harsh / slipping
- Scan for: P0750, P0753, P0755, P0758, P1760
- Parts (XA20): Ask your parts supplier for the OE part number for this VIN.

2. Check-engine light with catalyst codes (P0420 / P0430)

Watch · Any mileage (2001–2002 RAV4)

- Scan for P0420 / P0430 — ☐ OK ☐ Watch ☐ Fix
- Check oxygen sensor readings before condemning the converter — ☐ OK ☐ Watch ☐ Fix
- Scan for: P0420, P0430
- Parts (XA20): Ask your parts supplier for the OE part number for this VIN.

3. VVT-i check-engine light (P1349)

Watch · Any mileage (2001–2002 RAV4)

- Scan for P1349 — ☐ OK ☐ Watch ☐ Fix
- Check oil level and condition — ☐ OK ☐ Watch ☐ Fix
- Scan for: P1349
- Parts (XA20): 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 2.0L 1AZ-FE / 3S-FE, QUICK CHECKS

- **Stalling / loss of power** (182 complaints): Most of these describe the car bucking or losing drive from the ECM and transmission fault listed above.
- **Air bags** (49 complaints): Air-bag complaints; not an engine fault.
- **Sudden acceleration** (35 complaints): Complaints of surging or sudden acceleration; mixed causes, many tied to the shifting fault; not a separate engine wear item.
- **Oil sludge** (13 complaints): A few owners report sludge; we found no Toyota bulletin or policy that covers this engine for it.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Engine computer (ECM) fault causing harsh shifts and transmission damage
On many 2001–2003 RAV4s the engine computer (ECM), which also runs the automatic transmission, fails and causes harsh or missed shifts with codes P0750, P0753, P0755, P0758 or P1760. At 140,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.
Ask: have you noticed harsh, late or missing shifts, or check-engine light with P0750–P0758 or P1760?

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.