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

TECHNICIAN WORKSHEET · 3.0L 6B31 V6
RA-6B31-123456-20261028

2007 Mitsubishi Outlander · Outlander (CW, 2007–2013) · AWD

JA4MT41X47Z123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
125,000			

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

16V-458 · Front crossmember corrosion can detach the lower control arm (2007–2013 Outlander V6, salt states)	☐ Open ☐ Done ☐ N/A
14V-365 · Replacement transfer case oil seal may dislodge (2007 and 2009 Outlander)	☐ Open ☐ Done ☐ N/A
14V-366 · Power steering tube can rub on the 6-speed automatic (2013 Outlander; 2007–2012 with replacement transmissions)	☐ Open ☐ Done ☐ N/A
18V-071 · Sunroof glass	☐ Open ☐ Done ☐ N/A
16V-791 · Windshield wiper linkage	☐ Open ☐ Done ☐ N/A
14V-564 · Brake light switch	☐ Open ☐ Done ☐ N/A
08V-680 · Brake light switch (LED stop lamps)	☐ Open ☐ Done ☐ N/A
08V-094 · Seat wiring connector (salt states)	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Front crossmember rust, lower control arm can detach (recall 16V-458)

Recall · Listed for this model and year: check by VIN

Check the VIN for open recalls	☐ OK ☐ Watch ☐ Fix
Inspect the crossmember and control arm mounts on a lift	☐ OK ☐ Watch ☐ Fix

Crossmember rust: light / heavy / perforated

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

2. Timing belt, tensioner and idlers

Now · Past the range (60,000–90,000 mi typical (shop guide); check the owner's schedule)

Check the belt sticker and service records	☐ OK ☐ Watch ☐ Fix
Listen at the belt cover for tensioner or idler noise	☐ OK ☐ Watch ☐ Fix
Look for coolant at the water pump	☐ OK ☐ Watch ☐ Fix

Belt record: yes / no

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

3. Rough idle, misfire codes and hesitation (2007–2008 engine computer update)

Watch · Any mileage (2007–2008 Outlander V6 (Mitsubishi bulletins))

Scan for P0300–P0306	☐ OK ☐ Watch ☐ Fix
Check spark plugs and coils	☐ OK ☐ Watch ☐ Fix
Check ECM calibration level	☐ OK ☐ Watch ☐ Fix

Misfire counts: none / some

Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306

Parts (Outlander): 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 3.0L 6B31 V6, QUICK CHECKS

- **Steering** (23 complaints): Mostly tied to the crossmember rust and power steering hose complaints; recall 14V-366 covers a power steering tube that can rub on replacement 6-speed transmissions.
- **Windshield wipers** (17 complaints): Wiper linkage and motor recalls 16V-791 and 17V-461 (2007–2013); not an engine fault.
- **Front coil springs** (15 complaints): Front coil springs on 2007 Outlanders can corrode and break in salt states; Mitsubishi extended coverage (TSB-14-33-002). Not an engine fault.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing belt, tensioner and idlers

The 6B31 V6 uses a rubber timing belt with a tensioner and idlers, not a chain. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $2,100, before tax and shop supplies.

Ask: have you noticed ticking or whine from the belt cover, or coolant or oil seep near the front of the engine?

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.
