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

TECHNICIAN WORKSHEET · 1.6L MR16DDT TURBO
RA-MR16-123456-20261028

2013 Nissan Juke · Juke (F15, 2011–2017) · AWD

JN8AF5MV0DT123456

ODOMETER IN: 105,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

14V-683 · Fuel pressure sensor may loosen and leak fuel (2012–2014 Juke) ☐ Open ☐ Done ☐ N/A

15V-418 · Push-button ignition switch ☐ Open ☐ Done ☐ N/A

12V-069 (Fuel pressure sensor may loosen and leak fuel (2011–2012 Juke)): not listed by NHTSA for MY2013. Confirm on the dealer printout.

18V-156 (Fuel pressure sensor re-recall (2011–2012 Juke repaired under 12V-069)): not listed by NHTSA for MY2013. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Fuel pressure sensor leak (recalls 12V-069, 18V-156, 14V-683)

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

Check the VIN for open recalls ☐ OK ☐ Watch ☐ Fix

Look and sniff for fuel at the fuel rail sensor ☐ OK ☐ Watch ☐ Fix

Fuel smell: yes / no

Scan for: P0087, P0191, P0193

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

2. Timing chain, guides and tensioner (chain stretch, rattle, front-cover wear)

Check now · Past the range (56,000–98,000 mi, the middle half of 32 owner reports)

Cold-start listen at the timing cover ☐ OK ☐ Watch ☐ Fix

Scan for cam/crank correlation DTCs ☐ OK ☐ Watch ☐ Fix

Look for oil at the timing cover seam ☐ OK ☐ Watch ☐ Fix

Rattle: none / brief / constant

Scan for: P0011, P0016, P0017

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

3. CVT judder, slipping and failure (automatic Juke)

Check now · Past the range (61,000–94,000 mi, the middle half of 20 owner reports)

Road test for judder from a stop ☐ OK ☐ Watch ☐ Fix

Scan TCM for DTCs (P17F0, P17F1, P0776, P2813, P0841) ☐ OK ☐ Watch ☐ Fix

Check CVT fluid condition ☐ OK ☐ Watch ☐ Fix

Judder: none / slight / strong

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

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

4. Turbocharger failure (oil feed tube replaced with it)

Watch · Any mileage (few owner reports state one)

Check for shaft play and oil in the intake ☐ OK ☐ Watch ☐ Fix

Scan for boost / underboost DTCs ☐ OK ☐ Watch ☐ Fix

Check the oil level and condition ☐ OK ☐ Watch ☐ Fix

Shaft play: none / some

Oil in intake: yes / no

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

FACTORY MAINTENANCE DUE BY 135,000 MI (ASK FOR RECORDS)

Spark plugs · every 105,000 mi · at 105,000 mi · $249	☐ Done (records) ☐ Due ☐ Quoted
Engine coolant · first at 105,000 mi, then every 75,000 mi or 5 years · due by age: every 5 years (check records) · From $179	☐ Done (records) ☐ Due ☐ Quoted
Brake fluid · every 30,000 mi or 2 years · was due at 90,000 mi and by age (check records) · $129	☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 1.6L MR16DDT TURBO, QUICK CHECKS

- **Airbags** (28 complaints): Airbag complaints (including the Takata inflator recalls); not an engine fault.
- **Engine fire** (22 complaints): Few reports with mixed causes; the fuel pressure sensor recalls cover the main fuel-leak fire risk.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing chain, guides and tensioner (chain stretch, rattle, front-cover wear)
The timing chain and its guides can wear and stretch. At 105,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $2,000, before tax and shop supplies.
Ask: have you noticed rattle from the front of the engine, worst at cold start, or check engine light with cam or crank correlation codes?

2. CVT judder, slipping and failure (automatic Juke)
The CVT on automatic Jukes can judder, slip, whine or go into fail-safe. At 105,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $260, before tax and shop supplies.
Ask: have you noticed shudder or judder pulling away, or whine that rises with speed?

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.