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

TECHNICIAN WORKSHEET · 3.0L POWER STROKE V6 DIESEL
RA-FD30PS-123456-20261028

2019 Ford F-150 · F-150 Lariat SuperCrew 3.0 Power Stroke 4x4 · 4WD

1FTFW1E12KF123456

ODOMETER IN: 70,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

24V-852 · Labels · air bag warning	☐ Open ☐ Done ☐ N/A
19V-805 · Electrical · battery cable fastener	☐ Open ☐ Done ☐ N/A
19V-278 · Engine · block heater cable (repeat repair)	☐ Open ☐ Done ☐ N/A
18V-894 · Engine · block heater cable	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. High-pressure fuel pump and fuel contamination

Watch · Any mileage (worst with poor fuel or water in the fuel)

- Inspect the fuel filter for metal or water — ☐ OK ☐ Watch ☐ Fix
- Check rail pressure build on cranking — ☐ OK ☐ Watch ☐ Fix
- Filter: clean / water / metal

Scan for: P0087, P0088, P0191

Parts (P552): Ask your parts supplier for the OE part number for this VIN.

2. Particulate filter and NOx sensor

Watch · Any mileage (All years; Ford programs cover 2021 trucks)

- Read soot load and regeneration history — ☐ OK ☐ Watch ☐ Fix
- Scan for NOx sensor codes — ☐ OK ☐ Watch ☐ Fix
- Soot load: ___%

Scan for: P2002, P2463, P2201, P229F

Parts (P552): Ask your parts supplier for the OE part number for this VIN.

3. EGR bypass module and EGR cooler

Watch · Any mileage (2018–2019 trucks built on or before Oct. 19, 2018 (bypass screws); EGR cooler failures reported on all years)

- Inspect the EGR bypass module screws — ☐ OK ☐ Watch ☐ Fix
- Cooling-system pressure test — ☐ OK ☐ Watch ☐ Fix

Scan for: P2457, P0401

Parts (P552): Ask your parts supplier for the OE part number for this VIN.

4. DEF harness connectors (water intrusion)

Watch · Any mileage (2018–2021 F-150 3.0L diesel)

- Inspect DEF harness connectors for water and fretting — ☐ OK ☐ Watch ☐ Fix

Scan for: P20B9, P20BA, P21DD, P204C, P208A

Parts (P552): Ask your parts supplier for the OE part number for this VIN.

5. Low oil pressure at idle after an oil change

Watch · Any mileage (2018–2021 F-150 3.0L diesel)

- Inspect the anti-drain-back plug in the filter adapter — ☐ OK ☐ Watch ☐ Fix

Scan for: P0521, P0524

Parts (P552): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 100,000 MI (ASK FOR RECORDS)

Engine coolant · first at 100,000 mi, then every 50,000 mi or 3 years · due by age: 6-year limit passed (check records) · From $179 — ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 3.0L POWER STROKE V6 DIESEL, QUICK CHECKS

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 Ford repair procedures and your shop's judgment.