

97FY REPAIR CHECKLIST

! NOTE

This checklist is not intended to replace the 97FY work instructions. It is meant to help guide the technician through the repair and ensure that no steps are missed. Refer to the 97FY work instructions for specific repair steps.

This document should be printed, filled out and attached to the work order.

Vehicle VIN: _____ Technician Name _____ Repair Date: _____

Prerequisite Steps

USB Drive created	<input type="checkbox"/>
ODIS Service version at V10.0.0 – Diagnostic Content 2.46.5 or higher	<input type="checkbox"/>
One key available and key battery is OK	<input type="checkbox"/>
Second key more than 20 meters from the vehicle	<input type="checkbox"/>
New 12V battery properly charged	<input type="checkbox"/>
VAS5908 Battery charger attached	<input type="checkbox"/>
Front door windows both rolled down	<input type="checkbox"/>
No pre-existing “No Communication” or “Faulty Control Module” faults stored for modules that require updating	<input type="checkbox"/>
Service interval adaptation channel \$0541 read out and recorded: Distance driven since the last inspection = _____ Time since the last inspection = _____	<input type="checkbox"/>

Step 1 – USB Flash of ICAS3

Pre-flash:

Nothing connected to vehicle’s OBD diagnostic connection	<input type="checkbox"/>
Hazards on	<input type="checkbox"/>
Driver door open (must remain open for entirety of ALL flashes)	<input type="checkbox"/>
Seat belt buckled into driver’s seat buckle	<input type="checkbox"/>
Key placed over reader coil in center cupholder	<input type="checkbox"/>

Post-flash:

Radio System Information displays: Device part number - 10A035842J, Software - 0561	<input type="checkbox"/>
Seat belt unbuckled from driver seat buckle	<input type="checkbox"/>
Ignition turned off	<input type="checkbox"/>
USB drive removed	<input type="checkbox"/>

Step 2 – Replacing 12V Battery

Before replacing 12V battery:

Serial number from NEW battery recorded_____	<input type="checkbox"/>
Ignition turned off	<input type="checkbox"/>
Brake pedal was briefly pressed and 2 minutes has elapsed	<input type="checkbox"/>
Zero voltage measured on 12V battery cables after removing negative terminal	<input type="checkbox"/>

After replacing 12V battery:

All power cables installed on fuse panel A	<input type="checkbox"/>
All connections properly torqued	<input type="checkbox"/>
Battery cable cover installed prior to tightening negative terminal	<input type="checkbox"/>
Battery monitoring control module -J367- plugged back in	<input type="checkbox"/>

Step 3 – Perform Software Update SVM

Pre-flash:

VAS5908 Charger turned OFF and back ON to reset default charging time	<input type="checkbox"/>
VAS5908 Charger connected to 12V battery	<input type="checkbox"/>
Seat belt unbuckled from driver seat buckle	<input type="checkbox"/>
USB drive removed	<input type="checkbox"/>
Hazards on	<input type="checkbox"/>
Driver door open (must remain open for entirety of ALL flashes)	<input type="checkbox"/>
Scan tool is communicating with the diagnostic head by USB	<input type="checkbox"/>
ODIS shows address 005F software = 0561	<input type="checkbox"/>
ODIS shows address 8125 software = 0561	<input type="checkbox"/>
Ignition cycled OFF, then back ON before starting the SVM	<input type="checkbox"/>

Post-flash:

ALL control modules reporting OK	<input type="checkbox"/>
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Step 4 – Perform Bus Sleep Procedure

All keys at least 20 meters from vehicle	<input type="checkbox"/>
Nothing connected to vehicle's OBD diagnostic connection	<input type="checkbox"/>
Hazards off	<input type="checkbox"/>
Battery charger removed from 12V battery	<input type="checkbox"/>
All doors, hood are rear lid closed	<input type="checkbox"/>
Vehicle locked	<input type="checkbox"/>
15 minutes elapsed before turning ignition back on	<input type="checkbox"/>

Step 5 – Perform Software Configuration via SVM

Pre-flash:

VAS5908 Charger turned OFF and back ON to reset default charging time	<input type="checkbox"/>
VAS5908 Charger connected to 12V battery	<input type="checkbox"/>
Hazards on	<input type="checkbox"/>
Driver door open (must remain open for entirety of ALL flashes)	<input type="checkbox"/>
Scan tool is communicating with the diagnostic head by USB	<input type="checkbox"/>
Ignition cycled OFF, then back ON before starting the SVM	<input type="checkbox"/>

Post-flash:

ALL control modules reporting OK	<input type="checkbox"/>
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Step 6 – Perform Replace 12V Battery Test Plan

Test plan completed	<input type="checkbox"/>
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Step 7 – Perform Bus Sleep Procedure

All keys at least 20 meters from vehicle	<input type="checkbox"/>
Nothing connected to vehicle's OBD diagnostic connection	<input type="checkbox"/>
Hazards off	<input type="checkbox"/>
Battery charger removed from 12V battery	<input type="checkbox"/>
All doors, hood are rear lid closed	<input type="checkbox"/>
Vehicle locked	<input type="checkbox"/>
15 minutes elapsed before turning ignition back on	<input type="checkbox"/>

Step 8 – Perform VKMS Adaptation Test Plan

Test plan completed	<input type="checkbox"/>
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Step 9 – Perform Manual Basic Settings

G85 manual basic settings completed and warning light in cluster has gone out	<input type="checkbox"/>
Front and rear window end steps set	<input type="checkbox"/>
Temperature unit setting confirmed based on customer preference in infotainment display	<input type="checkbox"/>

Step 10 – Adjusting Service Interval

005F adaptation channel \$0548 – “distance driven since the last inspection” checked and adjusted	<input type="checkbox"/>
005F adaptation channel \$0549 – “time since the last inspection” checked and adjusted	<input type="checkbox"/>

Step 11 – Perform GFF Test Plans For All Faults Created by the Flash Process

All test plans for repair related faults completed	<input type="checkbox"/>
Verify ID Light operation after road test	<input type="checkbox"/>

Step 12 – Replacing Owner’s Manual

First page of <u>original</u> owner’s manual removed and placed with new owner’s manual	<input type="checkbox"/>
New owner’s manual AND tow hook supplement placed in glove compartment and original owner’s manual discarded	<input type="checkbox"/>

Final Steps

Campaign completion label applied next to vehicle emission control information label	<input type="checkbox"/>
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