



JAGUAR

X-TYPE

DATE 04/02

XT300

SERVICE

TECHNICAL BULLETIN

DTC P1582 Stored –
Flight Recorder Data –
Clarification

MODEL 2002 MY-ON
X-TYPE
VIN C00001-ON

Issue:

This bulletin provides additional information regarding the interpretation of "flight recorder" data. To clarify any confusion there may be with DTC P1582 (Flight recorder), the following information applies:

DTC P1582 (Flight recorder) data is stored if any one of the five conditions listed below occur:

1. Inertia switch activated.
2. Throttle failure causes default into limp home mode.
3. Engine starts and stumbles.
4. Engine fails to start.
5. Engine stall.

If DTC P1582 is the only code present, it does not necessarily mean that a failure has occurred - it is more likely to be the result of a hesitation/stall event as detailed in conditions 3, 4 and 5 above.

It is accepted that DTC P1582 will be present with a throttle/inertia switch failure. However, it is there to notify that the ECM data recorder has recorded data. Under these circumstances there will be associated DTCs present for the failure that occurred.

Note: DTC P1582 cannot be cleared in the normal way using DTC monitor on WDS.

Action:

To clear DTC P1582 follow the workshop procedure outlined below:

PROCEDURE FOR CLEARING DTC P1582

1. Navigate to 'Vehicle Configuration Main Menu' in WDS.
2. Navigate to 'Special Application'.
3. Navigate to 'ECM Data Recorder'.
4. Follow on-screen instructions.

Ali's Bellevue Auto Repair

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02/18/2025 16:44

page 1

Invoice 033150

009342

011320A62 SAJDA42BX53A43629

05 Jaguar XKR Base

Mileage: 60990

Start date: 2/18/2025

Qty	Unit	Description	Cost	Total
1.00	EA	OXYGEN SENSOR	\$263.00	\$263.00

Labor Description

DIAGNOSE CHECK ENGINE LIGHT ON

\$209.00

RETIREVE CODES FROM COMPUTER:
P2099 SUB FEEDBACK RICH FAILURE B BANK
P1582 FLIGHT RECORDER DATA IS STORED

CHECK AND FOUND BANK 2 DOWNSTREAM OXYGEN SENSOR TO BE LAGGING, STILL
ABLE TO READ CORRECTLY BUT NOT RESPONDING IN TIMELY MANNER.

RECOMMEND REPLACEMENT OF DOWNSTREAM BANK 2 OXYGEN SENSOR,

NO EXHAUST LEAKS FOUND AT THIS TIME.

REMOVE AND REPLACE DOWNSTREAM BANK 2 SENSOR. CLEAR CODES, TEST DRIVE.

\$342.00

Current Recommendations

OIL COOLER HOSE ON THE LEFT SIDE LEAKING - REPLACEMENT NEEDED

LIQUID HOSE FOR THE A/C IS LEAKING

SERPENTINE BELT - SQUEALING

P/S LEAK INSPECTION

Parts Total:	\$263.00
Labor Total:	\$551.00
ENVIRONMENTAL / SUPPLIES:	\$36.76
Subtotal:	\$850.76
Sales Tax:	\$86.78
Total:	\$937.54

OUR GUARANTEE: We strive to keep your vehicle operating to the best standards that the manufacturer's design allows. We guarantee all repairs performed to these standards for a period of 12 months or 12,000 miles (whichever comes first), unless stated otherwise. All parts installed are new unless otherwise described. This guarantee does not extend to repairs made with customer supplied and/or used parts, or to repairs made in the absence of additional recommended repairs to related systems. Diagnostic charges are guaranteed only when included with subsequent repairs.

5. After down loading relevant information at 'Select Option Screen', select 'EXIT'.
Print a copy and place in the customer's vehicle file.
6. Do you wish to clear the 'Flight recorder' data stored, select the check mark.
7. Follow on screen instructions.
8. Navigate to 'Vehicle Configuration Main Menu'.
9. Navigate to 'DTC monitor'.
10. Clear DTCs.

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 425-450-9713

Home:
 Mobile:
 Work:
 Email:

Feb 18, 2025 03:46 PM
 YMMS: 2005 Jaguar XKR
 Engine: 4.2L Eng
 License:
 VIN: SAJDA42BX53A43629
 Odometer:

TYPE	DESCRIPTION	PART #	QTY	PRICE	RATE	HOURS	LINE TOTAL
Labor	DIAGNOSTICS	-	-	-	\$209.00	1.0	\$209.00
Parts	OXYGEN SENSOR Supercharger Lower	C2C025956	1.0	\$263.00	-	-	\$263.00
Labor	OXYGEN SENSOR - Remove & Replace One	-	-	-	\$190.00	1.8	\$342.00

Labor:	\$551.00
Parts:	\$263.00
Shop Supplies:	\$9.21
Hazardous Materials:	\$27.55
Labor Taxes:	\$59.01
Parts Taxes:	\$27.76
TOTAL:	\$937.52

Customer Signature: _____

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01/07/2025 12:22

page 1

Invoice 032957

009342

011320A62 SAJDA42BX53A43629

05 Jaguar XKR Base

Mileage: 60948

Start date: 12/17/2024

Qty	Unit	Description	Cost	Total
1.00	EA	AT TRANS PAN KIT		
1.00	EA	OIL PAN GASKET	\$203.48	\$203.48
1.00	EA	AIR FILTER	\$80.06	\$80.06
2.00	EA	TRIM CLIPS	\$54.44	\$54.44
1.00	EA	TRIM CLIPS	\$12.00	\$24.00
1.00	EA	TRIM CLIPS	\$12.00	\$12.00
7.00	QT	A/T FLUID - SYNTHETIC	\$12.00	\$12.00
			\$18.49	\$129.43

Labor Description

DIAGNOSIS

\$199.00

Customer drove vehicle here with a concern that the CEL was on. We scanned the codes and found P0171 / P0174 / P1582 / P0128 in the module. We monitored the fuel trims and MAF sensor data at normal operating temperature. Long term fuel trims in both banks were reading to high at up to 20%. MAF sensor data was reading at 3.2 g/s at idle. We performed a visual inspection of the motor and we found a vacuum line that was disconnected from the intake manifold. We installed the hose back and monitored the scan data again. Fuel trims went down to 4.6% - 7% and the MAF sensor was now reading 5.8 g/s. Test drove the vehicle again and scanned for codes. No codes at this time.

WHEEL CENTER CAPS

\$90.00

Remove and replace. Customer supplied part.

OIL PAN GASKET

\$270.00

Remove and replace. Road test. Ok.

TRANSMISSION SERVICE

\$486.00

Remove transmission pan and drain fluid. Clean mating surfaces, and replace the pan with gasket. Fill to specifications. Road test. Ok.

AIR FILTER

\$54.00

Install air filter. No air filter found in air box.

INSTALL ANTENNA

\$180.00

Remove and replace. Customer supplied part. Verify operation. Ok.

REAR HATCH LIFT SUPPORT

\$54.00

Remove and replace rear lift support. Customer provided part. Ok.

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01/07/2025 12:22

page 2

POWER WINDOW SWITCH / BOTH SIDES

\$216.00

Remove and replace both window switches on each door. Customer supplied part. Test operation. Ok.

INSTRUMENT CLUSTER PANELS

\$360.00

Remove and replace clips on the instrument panel trim pieces.

Current Recommendations

OIL COOLER HOSE ON THE LEFT SIDE LEAKING - REPLACEMENT NEEDED
LIQUID HOSE FOR THE A/C IS LEAKING
SERPENTINE BELT - SQUEALING
P/S LEAK INSPECTION

Parts Total:	\$515.41
Labor Total:	\$1,909.00
ENVIRONMENTAL / SUPPLIES:	\$113.49
Subtotal:	\$2,537.90
Sales Tax:	\$258.86
Total:	\$2,796.76

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