Jaguar XK8 ABS 'HARD FAULT' Check Sheet

ABS Plug
Front View

LH Front Wheel Speed Sensor

W

R

Resistance Reading

Acceptable Reading 2.00kΩ - 2.2OkΩ

Nominal Reading 2.014kΩ

LH Rear Wheel Speed Sensor

P

U

Resistance Reading

17 W	10 _	1 UO	
18 R	11 _	2 US	
19 UP	12 _	3 S	
20 WU	13 UB	4 G	
21 P	14 R	5 Y	
22 U	15 G	6 Y	
23 _	16 RY	7 O	
24 B		8 B	
25 WY		9 NR	

Head On

9 NR	Fuse # 16 30Amp ABS Pump
25 WY	Fuse # 18 30Amp ABS Pump

Resistance Reading

S

G

RH Front Wheel Speed Sensor

Resistance Reading

Y

O

RH Rear Wheel Speed Sensor

20 WU	Fuse #4 5Amp ABS Control

* Checked With Jaguar And UK Spec Sensor Loom Is Normal Cable AND NOT Co-Axial & Are Unaware Of Any XK8's On My Year Plate Using Co-Axial

Wiring Colour Codes

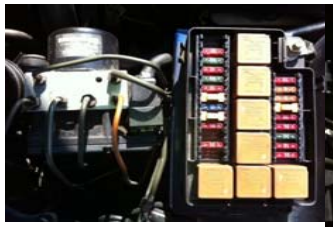
N	Brown	O	Orange
B	Black	S	Slate
W	White	L	Light
K	Pink	U	Blue
G	Green	P	Purple
R	Red	T	Tan
Y	Yellow	BRD	Braid

TASK

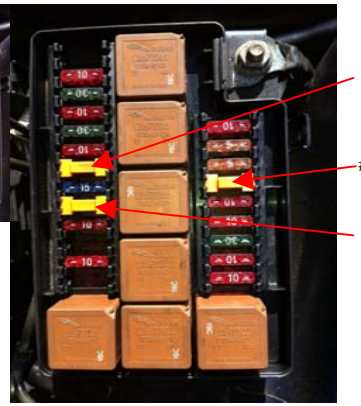
Remove & Check Fuses Shown Below, Replace Any Blown, Drive Car For 5 Miles
Stop Car, Turn Off, Wait 30 Secs Then Re-Start Car And Drive Back, If Fault Remains Then
Disconnect ABS Multi Plug From ABS Controller (Engine Bay) & Leave Sensors Connected
Set Meter To Resistance, Measure and Record, Swap Low Reading Sensor, After Cleaning
eg RR with LR, Repeat, If Readings Move then Sensor Faulty, If Readings Don't
Move Then Fault Is Likely Cable*, Replace Any That Fall Below Acceptable Limits
If All Check Out OK Then Follow Proceedures For ABS Module Repair

Other Pins #'s

# 01	UO	Brake Fluid Level	# 08	B	Ground
# 13	UB	Brake Fluid Level	# 24	B	Ground
# 02	US	Brake Switch	# 12	_	Not Used
# 05	Y	Can Bus	# 14	R	Traction/ Stability Switch
# 15	G	Can Bus	# 16	RY	Traction/ Stability State LED
# 10	_	Not Used	# 19	UP	Adaptive Damping Overide
# 11	_	Not Used	# 23	_	Not Used



Engine Compartment Fuse Box

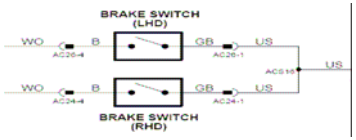


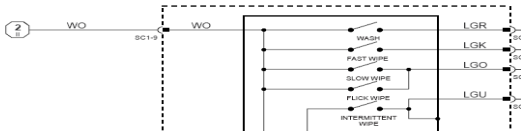
Close Up View

Additional Information - Check Brake SW

From	# 02	US	ABS Controller				
	# 03	WO	Ignition Switch	OR	#09	WO	Wiper Stalk

With Leads On Positions Detailed Press Pedal To Make Circuit





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