









STAR ONLINE PUBLICATION

Case Number: S2008000140

Release Date: 09/10/2020

Symptom/Vehicle Issue: Antilock Brake System (ABS) Lamp On, Rear Wheel Sensor DTC's Present

Customer Complaint/ Technician Observation: Customer complains of the ABS lamp that is coming on intermittently. Technician observed one or all of the following DTC's for the left or right wheel speed sensors, C0037-2f, C003A-2F, C003A-62, C0037-62, C003A-7D, C0037-1D, C0037-1D, C003A-1D.

Discussion: If the above codes are present stored or active, locate the 12-way black connector on the driver side frame rail, XY930 and XY940 depending on the vehicle involved.

If DTC's are active, inspect the connector involved for any terminal damage, if stored DTC's; wiggle the connector after clearing the DTC's to identify intermittent conditions. Repair and reposition the harness and or connector as needed, repair kit PN, 68358149AA Fig 1, 2.



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Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found

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			Х Ү930,	XY940		
	Mating Side:			-		
	6 (/ ===					
	B 12 Harness Family	Circuit	1 7 Circuit Functions	Color	Gauge/Size Option	
1	6 12 Harness Family All Variants	Circuit B1	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-)	DG / OG	Gauge/Size Option 0.75	
1 2	6 12 Harness Family All Variants All Variants	Circuit 81	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (+)	DG / OG DG / BU	Gauge/Size Option 0.75 0.75	
1 2 3	6 12 Harness Family All Variants All Variants All Variants	Circuit 81 83	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-)	DG / OG DG / BU DG / YE	Gauge/Size Option 0.75 0.75 0.75	
1 2 3 4	6 12 Harness Family All Variants All Variants All Variants All Variants	Circuit 81 82 83 84	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-)	DG / OG DG / BU DG / YE DG / GY	Gauge/Size Option 0.75 0.75 0.75 0.75	
1 2 3 4 5	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants	Circuit 81 82 83 84 NO	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (+) NO CONNECT	DG / OG DG / BU DG / YE DG / CY NA	Gauge/Size Option 0.75 0.75 0.75 0.75 0	
1 2 3 4	Harness Family All Variants All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT	Circuit 81 82 83 84 NO K303	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (+) NO CONNECT WIF SENSOR 2 SIGNAL	DG / OG DG / BU DG / YE DG / GY NA BN / OG	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0 0.75	
1 2 3 4 5 6	Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION	Circuit 81 82 83 84 N0 K303 K303	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT WIF SENSOR 2 SIGNAL WIF SENSOR 2 SIGNAL	DG / OG DG / BU DG / YE DG / CY NA BN / OG BN / OG	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	
1 2 3 4 5	Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT	Circuit 81 82 83 84 N0 K303 K303 Z915	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) MIF SENSOR 2 SIGNAL WIF SENSOR 2 SIGNAL GROUND	DG / OG DG / BU DG / YE DG / CY NA BN / OG BN / OG BK	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.50 1.5	
1 2 3 4 5 6 7	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT TRANSMISSION	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) MIF SENSOR 2 SIGNAL WIF SENSOR 2 SIGNAL GROUND GROUND	DG / OG DG / BU DG / YE DG / CY NA BN / OG BN / OG BK BK	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0 0.75 0 0.75 0 1.5 1.0	
1 2 3 4 5 6 7 8	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT TRANSMISSION All Variants	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915 N0	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT	DG / OG DG / BU DG / YE DG / GY NA BN / OG BN / OG BK BK NA	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.50 1.5 1.0 0	
1 2 3 4 5 6 7 8 9	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT TRANSMISSION All Variants All Variants All Variants	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915 N0 D134	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT NO CONNECT PRIVATE CAN (+)	DG / OG DG / BU DG / YE DG / GY NA BN / OG BK BK BK NA WH / DB	Gauge/Size Option 0.75 0.75 0.75 0.75 0.75 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.50 0.00	
1 2 3 4 5 6 7 8 9 10	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT TRANSMISSION All Variants All Variants All Variants All Variants	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915 N0 D134 D135	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT PRIVATE CAN (+) PRIVATE CAN (-)	DG / OG DG / BU DG / YE DG / GY NA BN / OG BN / OG BK BK BK NA WH / DB WH / DG	Gauge/Size Option 0.75 0.75 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.50 0 0.50 0	
1 2 3 4 5 6 7 8 9	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION All Variants All Variants	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915 N0 D134 D135 K970	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT PRIVATE CAN (+) PRIVATE CAN (-) DCU WAKE-UP	DG / OG DG / BU DG / YE DG / GY NA BN / OG BN / OG BK BK NA WH / DB WH / DG BN / OG	Gauge/Size Option 0.75 0.75 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.50 0 0.50 0 0.50 0.50 0.50 0.75	
1 2 3 4 5 6 7 8 9 10	6 12 Harness Family All Variants All Variants All Variants All Variants All Variants All Variants CHASSIS_LEFT TRANSMISSION CHASSIS_LEFT TRANSMISSION All Variants All Variants All Variants All Variants	Circuit B1 B2 B3 B4 N0 K303 K303 Z915 Z915 N0 D134 D135	Circuit Functions RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) RIGHT REAR WHEEL SPEED SENSOR (-) LEFT REAR WHEEL SPEED SENSOR (-) NO CONNECT PRIVATE CAN (+) PRIVATE CAN (-)	DG / OG DG / BU DG / YE DG / GY NA BN / OG BN / OG BK BK BK NA WH / DB WH / DG	Gauge/Size Option 0.75 0.75 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.75 0 0.50 0 0.50 0	

Fig 2

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