

Ford MK100 ABS Module					
DTC	Description	Possible causes	Is a bench test available for this failure?	Is the part repairable?	Repair Type
C0030:07	Left Front Tone Wheel: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0031:07	Left Front Wheel Speed Sensor: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0031:29	Left Front Wheel Speed Sensor: Signal Invalid	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0031:2F	Left Front Wheel Speed Sensor: Signal Erratic	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0031:64	Left Front Wheel Speed Sensor: Signal Plausibility Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0033:07	Right Front Tone Wheel: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0034:07	Right Front Wheel Speed Sensor: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0034:29	Right Front Wheel Speed Sensor: Signal Invalid	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0034:2F	Right Front Wheel Speed Sensor: Signal Erratic	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0034:64	Right Front Wheel Speed Sensor: Signal Plausibility Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0036:07	Left Rear Tone Wheel: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0037:07	Left Rear Wheel Speed Sensor: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0037:29	Left Rear Wheel Speed Sensor: Signal Invalid	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0037:2F	Left Rear Wheel Speed Sensor: Signal Erratic	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0037:64	Left Rear Wheel Speed Sensor: Signal Plausibility Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0039:07	Right Rear Tone Wheel: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C003A:07	Right Rear Wheel Speed Sensor: Mechanical Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C003A:29	Right Rear Wheel Speed Sensor: Signal Invalid	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C003A:2F	Right Rear Wheel Speed Sensor: Signal Erratic	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C003A:64	Right Rear Wheel Speed Sensor: Signal Plausibility Failure	Check wheel speed sensor, wiring, tone ring, wheel bearing for damage, wear, excessive air gap and contamination. Verify the correct tire size. Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0001:01	TCS Control Channel "A" Valve 1: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0002:01	TCS Control Channel "A" Valve 2: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0003:01	TCS Control Channel "B" Valve 1: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0004:01	TCS Control Channel "B" Valve 2: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0010:01	Left Front Inlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0011:01	Left Front Outlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0014:01	Right Front Inlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0015:01	Right Front Outlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0018:01	Left Rear Inlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0019:01	Left Rear Outlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C001C:01	Right Rear Inlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C001D:01	Right Rear Outlet Control: General Electrical Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
U3000:49	Control Module: Internal Electronic Failure	Internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2005:1BC 2006:1B	Right Actuator, Left Actuator: Circuit Resistance Above Threshold	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2005:71 C2006:71	Right Actuator, Left Actuator: Actuator Stuck	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2007:13 C2008:13	Right Motor, Left Motor: Circuit Open	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2007:1CC 2008:1C	Right Motor, Left Motor: Circuit Voltage Out Of Range	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2007:92 C2008:92	Right Motor, Left Motor: Performance Or Incorrect Operation	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C2007:96 C2008:96	Right Motor, Left Motor: Component Internal Failure	Check the rear parking brake motors resistance; expected value is less than 3Ω. Check wiring and connectors. If all tests are good, there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
U0121:00	Lost Communication with the ABS Module	Test powers, grounds and communication lines to the module. If all good there is an internal defect in the ABS module.	✓	✓	REPAIR "A" 
C0020:11	ABS Pump Motor Control: Circuit Short to Battery	Defective pump motor or internal fault in the ABS module. Send in both the hydraulic block (HCU) and module.  NOTE* IN ADDITION TO THE ABS PUMP REPAIR, THE ABS MODULE MUST BE REBUILT AS WELL. THE ABS PUMP IS CONTROLLED DIRECTLY BY THE ABS MODULE AND THE WORN-OUT MOTOR WILL WEAKEN OR SHORT INTERNAL DRIVER CIRCUIT.	✓	✓	REPAIR "B" 
C0020:12	ABS Pump Motor Control: Circuit Open	Defective pump motor or internal fault in the ABS module. Send in both the hydraulic block (HCU) and module.  NOTE* IN ADDITION TO THE ABS PUMP REPAIR, THE ABS MODULE MUST BE REBUILT AS WELL. THE ABS PUMP IS CONTROLLED DIRECTLY BY THE ABS MODULE AND THE WORN-OUT MOTOR WILL WEAKEN OR SHORT INTERNAL DRIVER CIRCUIT.	✓	✓	REPAIR "B" 
C0020:13	ABS Pump Motor Control: Actuator Stuck	Defective pump motor or internal fault in the ABS module. Send in both the hydraulic block (HCU) and module.  NOTE* IN ADDITION TO THE ABS PUMP REPAIR, THE ABS MODULE MUST BE REBUILT AS WELL. THE ABS PUMP IS CONTROLLED DIRECTLY BY THE ABS MODULE AND THE WORN-OUT MOTOR WILL WEAKEN OR SHORT INTERNAL DRIVER CIRCUIT.	✓	✓	REPAIR "B" 
C0020:71	ABS Pump Motor Control: Actuator Stuck	Defective pump motor or internal fault in the ABS module. Send in both the hydraulic block (HCU) and module.  NOTE* IN ADDITION TO THE ABS PUMP REPAIR, THE ABS MODULE MUST BE REBUILT AS WELL. THE ABS PUMP IS CONTROLLED DIRECTLY BY THE ABS MODULE AND THE WORN-OUT MOTOR WILL WEAKEN OR SHORT INTERNAL DRIVER CIRCUIT.	✓	✓	REPAIR "B" 
C0044	Brake Pressure Sensor "A"	Defective brake pressure sensor. The sensor is integral to the HCU hydraulic block. This sensor is not repairable. Please contact us.	✓	✗	Not repairable. Please contact us.