

List of fault code entries (DTC) for Isuzu 4HK1 Diesel Engine

Dtc	Flashing Codes	DTC type		DTC description
		Engine complying with Euro 4 standards	except engines compliant with Euro 4 standards	
p0016	16	A	A	Discrepancy of the readings of the position sensors of the crankshaft and distribution shafts
p0045	33	A	—	Malfunction in the circuit of the electromagnetic pressure control valve over the Duva
p0079	38	A	—	Low signal level in the circuit of the solenoid control valve of the exhaust path
p0080	38	A	—	High signal level in the circuit of the solenoid control valve of the exhaust path
p0087	225	A	A	Low pressure in Fuel distribution Highway/fuel Supply system
p0088	118	D	A	High pressure in Fuel distribution Highway/top Feed System Liwa (first Stage)
p0088	118	A	A	High pressure in Fuel distribution Highway/top Feed System Liwa (second Stage)
p0089	151	A	A	Fuel pressure regulator malfunction
p0091	247	A	A	Low signal level in the fuel pressure regulator circuit
p0092	247	A	A	High signal level in the fuel pressure regulator circuit
p0093	227	A	A	Leakage in the fuel supply system
P0101	92	B	-	Incorrect signal or malfunction in the circuit of the mass air flow sensor
p0102	91	A	-	Low signal level at the input of the mass air flow sensor
p0103	91	A	-	High signal level at the input of the mass air flow sensor
p0107	32	A	A	Low signal level at the inlet of the absolute pressure sensor located in the inlet manifold
p0108	32	A	A	High signal level at the inlet of the absolute pressure sensor located in the inlet manifold
p0112	22	A	A	Low signal level in the inlet air temperature sensor chain
p0113	22	A	A	High signal level in the inlet air temperature sensor chain
p0116	23	B	-	Incorrect signal or malfunction in the coolant temperature sensor circuit
p0117	23	A	A	Low signal level in the circuit of the coolant temperature sensor
p0118	23	A	A	High signal level in the circuit of the coolant temperature sensor
p0122	43	A	-	Low signal level in the throttle position sensor chain
P0123	43	A	-	High signal level in the throttle position sensor chain
p0182	211	A	A	Low signal level in the fuel temperature sensor circuit
p0183	211	A	A	High signal level in the fuel temperature sensor circuit
p0192	245	A	A	Low signal level in the fuel pressure sensor circuit
p0193	245	A	A	High signal level in the fuel pressure sensor circuit
p0201	271	A	A	Breakage in the chain of the first cylinder nozzle
p0202	272	A	A	Breakage in the chain of the nozzle of the second cylinder
p0203	273	A	A	Breakage in the chain of the nozzle of the third cylinder
p0204	274	A	A	Breakage in the chain of the nozzle of the fourth cylinder

p0217	542	D	D	Coolant temperature exceeding
p0219	543	D	A	Exceeding the speed of the engine crankshaft
p0234	42	A	A	Excess pressurization
p0299	65	B	A	Insufficient pressurization pressure
p0335	15	A	A	Malfunction in the sensor chain of the crankshaft position
p0336	15	A	A	Incorrect signal or malfunction in the crankshaft position sensor chain
p0340	14	A	A	Malfunction in the sensor circuit of the distribution shaft position
p0341	14	A	A	Incorrect signal or malfunction in the sensor circuit of the distributor positionShaft
p0380	66	C	A	Malfunction in the chain of incandescent candles
p0381	67	C	A	malfunction in the control lamp circuit of the pre-heating system
p0401	93	A	—	Insufficient quantity Recycled Gases
p0404	45	A	A	Incorrect signal or malfunction in the control circuit of the EGR system
p0409	44	A	A	Malfunction in the EGR valve position sensor circuit
p0426	143	C	—	Incorrect signal or malfunction in the circuit of the sensor № 1 temperature having workedGa
p0427	48	A	—	Low signal level in № sensor chain 1 of exhaust gas temperature
p0428	48	A	—	High signal level in the № sensor chain 1 of the exhaust gas temperature
p042b	145	C	—	Incorrect signal or malfunction in the sensor circuit № 2 temperatures having workedGases
p042c	49	C	—	Low signal level in № sensor chain 2 exhaust gas temperatures
p042d	49	C	—	High signal level in № sensor chain 2 exhaust gas temperatures
p0477	46	-	A	Low signal level in the control circuit of the exhaust tract damper
p0478	46	—	A	High signal level in the pressure control valve circuit of the businesses releaseTavshih gases
p0500	25	B	A	Malfunction of the speed sensor
p0502	25	A	A	Low speed sensor input level
p0503	25	A	A	High signal level at the input of the vehicle speed sensor
p0560	155	A	—	Incorrect voltage in the on-board network
p0563	35	C	A	High voltage in the on-board network
p0601	53	A	A	Control unit internal RAM checksum error
p0602	154	C	A	Control Unit Programming Error
p0604	153	A	A	Control unit Internal RAM error
p0606	51	A	A	ECM processor malfunction
p060b	36	A	A	Malfunction in the circuit of the internal analog-digital converter of the control unit
p0633	176	C	A	Immobilizer not programmed
p0638	61	B	A	Incorrect signal or malfunction in control circuit of throttle actuator
p0641	55	A	A	Malfunction in the circuit of the reference voltage of the sensor № 1
p0650	77	A	D	Malfunction in control circuit of control lamp "check engine"
p0651	56	A	A	Malfunction in the circuit of the reference voltage of the sensor № 2
p0685	416	C	A	Breakage in the control circuit of the ECM power supply relay
p0687	416	C	A	High signal level in ECM power relay control circuit

p0697	57	A	A	Malfunction in the circuit of the reference voltage of the sensor № 3
p1093	227	A	A	Insufficient fuel pressure
p1261	34	A	A	Positive voltage of the nozzle control circuits of the № Group 1
p1262	34	A	A	Positive voltage of the nozzle control circuits of the № Group 2
p1404	45	A	-	Incorrect position of the EGR system valve (closed position Error)
p1404	45	A	A	Incorrect position of the EGR system valve (error in memorytion
p1455	132	A	-	Excessive particulate content in the particulate filter
p1471	149	A	-	Insufficient regeneration of particulate filter
p161b	179	C	A	Invalid response signal immobilizer
p1621	54	A	A	Malfunction of the control unit ROM
p1664	76	C	-	Service Indicator Management Chain
p1669	75	C	-	Particulate filter control Lamp control circuit
p2122	121	B	A	Low signal level at the input of the № accelerator pedal position Sensor 1
P2123	121	B	A	High signal level at the input of the accelerator pedal position sensor № 1
p2127	122	B	A	Low signal level at the input of the № accelerator pedal position Sensor 2
p2128	122	B	A	High signal level at the input of the № accelerator pedal position Sensor 2
p2138	124	B	A	№ 1 and № 2 accelerator pedal position sensor mismatch
p2146	158	A	A	Circuit of supply of a voltage on nozzles of group № 1
p2149	159	A	A	Circuit of supply of a voltage on nozzles of group № 2
p2227	71	B	-	Incorrect signal or malfunction in the circuit of atmospheric pressure sensor
p2228	71	A	A	Low signal level in atmospheric pressure sensor circuit
p2229	71	A	A	High signal level in atmospheric pressure sensor circuit
p242f	131	A	-	Particulate filter clogging
p2452	142	A	-	Malfunction in the circuit of the differential pressure gauge
p2453	141	A	-	Incorrect signal or malfunction in the differential pressure gauge circuit
p2454	47	A	-	Low signal level in the differential pressure gauge circuit
p2455	47	A	-	High signal level in the differential pressure gauge chain
p2456	47	A	-	Incorrect initialization of differential pressure gauge
p2458	139	A	-	Exceeding duration of regeneration of differential pressure gauge
p253a	28	C	A	Malfunction in the sensor circuit of the power selection mechanism
p256a	31	C	A	Malfunction in the circuit of the regulator of idle speed
u0073	84	B	A	Disabling the communication bus of the control unit
U0101	85	C	A	Connection breakage with Gearbox control unit (TCM)
u0110	87	A	A	Breakage of connection with Turbo control unit with variable GeoMetLeading (VNT)
u0167	177	C	A	Connection breakage with Immobilizer control unit