

## Diagnostic Trouble Codes for Sinotruk HOWO Engines (PDF)

Codes SAE mode *	Code decryption. Fault description
P0122	Weak signal of the № accelerator position sensor 1
P0123	Strong № 1 Accelerator position sensor signal
P0222	Weak № 2 Accelerator position sensor signal
P0223	Strong № 2 Accelerator position sensor signal
P0121	The № 1 accelerator position sensor is not switched off
P0120	№ 1 Accelerator position sensor not included
P2120	Painless signal of both sensors of the accelerator positions
P0238	Strong signal of the discharge sensor
P0237	The signal of the discharge sensor is too weak
P0227	RTO Accelerator position sensor signal too weak
P0228	RTO Accelerator position sensor signal too weak (depending on model and some models missing code)
P0193	The fuel distributor pressure sensor signal is too strong
P0192	The fuel distributor pressure sensor signal is too weak
P0191	Not a normal characteristic of the fuel distributor pressure sensor signals
P0563	Battery voltage too high
P0118	The coolant temperature sensor signal is too strong
P0117	The coolant temperature sensor signal is too weak
P0183	The fuel temperature sensor signal is too strong
P0182	The fuel temperature sensor signal is too weak
P0113	Too strong temperature sensor signal (exhaust air or air A/F)
P0112	Temperature sensor signal too low (exhaust air or air A/F)
P2229	The atmospheric pressure sensor signal is too strong
P0228	The atmospheric pressure sensor signal is too weak

P0617	Short Circuit Chain Starter power supply
P0337	No pulses from the crankshaft position sensor
P0342	No pulses from the cylinder identification sensor
P0385	No pulses from the crankshaft position sensor and cylinder identification sensor
P0503	Car speed sensor is too high
P0502	Break or short circuit of the car speed sensor input circuit
P0501	Painless Car speed sensor signal
P1681	Break of the MV1 brake load circuit for air intake or short-circuit of the output to mass
P1682	Short circuit of the supply chain of the MV1 brake for air intake
P2148	Short circuit of the output power supply circuit COM1; Short circuit output power supply circuit TWV № 1.3 or 5
P2147	Short circuit of the grounding circuit of the output COM1; Short circuit of the grounding circuit of output TWV № 1.3 or 5
P2146	Open load output COM1; Short Circuit of loads TWV1, Twv3 and TWV5
P2151	Short Circuit Power Exit COM1 Short circuit power supply circuit output TWV2, 4 and 6
P2150	Short circuit of the grounding circuit of the output COM2; Short circuit of the grounding circuit of output twv2, TWV4 and TWV6
P2149	Open load output COM2; Short Circuit of loads TWV2, twv4 and TWV6
P0201	TWV1 Outlet load Open, nozzle chain open
P0205	TWV2 Outlet load Open, nozzle chain open
P0203	Twv3 Outlet load Open, nozzle chain open
P0206	TWV4 Outlet load Open, nozzle chain open
P0202	TWV5 Outlet load Open, nozzle chain open
P0204	TWV6 Outlet load Open, nozzle chain open
P0611	The capacitor charging circuit is defective (Undercharging)
P0200	Capacitor charging circuit is defective (recharge)
P0629	Short circuit of the output power circuit PCV1
P2634	Short circuit of the output power circuit PCV2

P0629	Short circuit of the output power supply PCV1 and PCV2
P0628	Open load and korotkozamknutoe ground output PCV1
P2633	Open load and korotkozamknutoe ground output PCV2
P0628	Open load and korotkozamknutoe ground output PCV1 and PCV2
P2635	Pump control overload
P1088	Pump Control Overvoltage
P1266	Unloaded pump Control
P0093	Unloaded pump control (including fuel leakage)
P1089	pressure exceeds the upper limit
P0088	Fuel distributor pressure exceeds the upper limit
P0301	The fuel system of the cylinder № 1 is defective
P0302	The fuel system of the cylinder № 2 is defective
P0303	The fuel system of the cylinder № 3 is defective
P0304	The fuel system of the cylinder № 4 is defective
P0305	The fuel system of the cylinder № 5 is defective
P0306	The fuel system of the cylinder № 6 is defective
P0219	Engine exceeds speed limit
P0541	Korotkozamknutoe grounding Progrevajushhego Relay output (depending on car models; sometimes there is no code)
P0542	Open load output Progrevajushhego Relay (depending on car models; sometimes there is no code)
P1530	Motor switch fixed in closed position
P0217	temperature exceeds the upper limit
U1001	The nodal point is not correct CAN2 (depending on car models; sometimes there is no code)
P0704	Faulty clutch chain (only for variator speed)
P0850	Faulty neutral position switch (only for variator speed)
U0121	The common line CAN-line opens with ABS (only for variator speed)

U0155	The common line CAN-line is unlocked with METER (only for variator speed)
P0686	Diagnosis of the main relay; Main fixed in closed state
P1565	Defective circuit of the cruising switch
P1602	QR Data not entered
P1601	Defective definition of QR (defective definition of amendment QR)
P0607	Неисправен CPU - неисправно защитное IC
P0606	CPU fault-Faulty main CPU
P060	Check and error-sector FleShing
P0523	Engine oil pressure sensor is too high (depending on car models; sometimes there is no code)
P0522	Engine oil pressure sensor is too low (depending on car models; sometimes there is no code)
P0524	Engine oil internal memory pressure mismatch ECU (depending on car models; sometimes there is no code)
P1683	Open load and korotkozamknutoe grounding of the engine brake relay output (depending on car models; sometimes there is no code)
P1684	Korotkozamknutoe grounding of the output battery of the engine brake relay (depending on car models; sometimes there is no code)

\* SAE-output data when using STT (DST-PC)