

HINO V14.56 Function list

Note:

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	support vehicle
Engine System	✓	✓	✓	✓	✓	700 Series, 600 Series, 500 Series, 300 Series, , 200 Series, Bus/Coach, Heavy, Bus/Coach, Medium, Bus/Coach, Light, Retro, Industrial Engine
VCS (Vehicle Control System)	✓	✓	✓	✓	✓	
Transmission	✓	✓	✓	✓	✓	
Transmission (ASTRONIC)	✓	✓	✓	✓	✓	
Transmission (TRAXON) 500K	✓	✓	✓	✓	✓	
Brake (WABCO/ADVICS ABS)	✓	✓	✓	✓	✓	
Brake (WABCO EBS)	✓	✓	✓	✓	✓	
Brake (KNORR EBS5)	✓	✓	✓	✓	✓	
Central gateway	✓	✓	✓	✓	✓	
DCU (Urea SCR)	✓	✓	✓	✓	✓	
SCR (CAN_500K China)	✓	✓	✓	✓	✓	
Hybrid	✓	✓	✓	✓	✓	
Battery	✓	✓	✓	✓	✓	
Inverter	✓	✓	✓	✓	✓	
Suspension	✓	✓	✓	✓	✓	
LDWS: Lane departure warning system	✓	✓	✓	✓	✓	
Tire pressure monitoring system	✓	✓	✓	✓	✓	
SRS (Airbag)	✓	✓	✓	✓	✓	
Immobilizer	✓	✓	✓	✓	✓	
Meter System	✓	✓	✓	✓	✓	

Special Function Table

S0001	System Protection Data
S0002	Learned value
S0003	Check functions
S0004	Manufacturer Parameters
S0005	Customization
S0006	Maximum vehicle and cruise control speed setting

S0007	Injector data
S0008	Cruise control vehicle speed adjustment
S0009	System operation history clear
S0010	Post-treatment system test
S0011	Engine oil replacement time(set distance)
S0012	T/M oil replacement time(set distance)
S0013	Differential oil replacement time (set distance)
S0014	Coolant replacement time (set distance)
S0015	Fuel filter replacement time (set distance)
S0016	Belt inspection time(set distance)
S0017	DPR cleaning time(set distance)
S0018	Turbocharger inspection time(set distance)
S0019	Starter overhaul (set distance)
S0020	Alternator overhaul(set distance)
S0021	Radiator inspection time(set distance)
S0022	Battery inspection time(set distance)
S0023	Air dryer desiccant replacement time(set distance)
S0024	Air suspencement time(set distance)
S0025	Tire rotation time(set distance)
S0026	User settings-1(set distance)
S0027	User settings-2(set distance)
S0028	User settings-3(set distance)
S0029	Engine oil replacement time(set period)
S0030	T/M oil replacement time(set period)
S0031	Differential oil replacenment time(set period)
S0032	Coolant replacement time(set period)
S0033	Fuel filter replacement time(set period)
S0034	Belt inspection time(set period)
S0035	DPR cleaning time(set period)
S0036	Starter overhaul(set peroid)
S0037	Alternator overhaul(set period)
S0038	Battery inspection time(set period)
S0039	Air dryer desiccant replacement time(set period)
S0040	Air suspencement time(set period)
S0041	Tire rotation time(set period)
S0042	User settings-1(set period)
S0043	User settings-2(set period)
S0044	User settings-3(set period)
S0045	Year
S0046	Month
S0047	Day
S0048	Hours
S0049	Minutes
S0050	Fire truck identification
S0051	AT CAN identification
S0052	Vehicle distance cruise CAN identification
S0053	Air suspension CAN identification
S0054	Meter communication identification
S0055	ABS CAN identification
S0056	Type of engine retarder
S0057	Drive master identification
S0058	Semitractor identification
S0059	Identification with exhaust brake
S0060	Identification with engine retarder
S0061	Identification with T/M retarder
S0062	Identification with cruise retarder
S0063	Identification with pro shift
S0064	High torque differential identification
S0065	Identification with engine start assist
S0066	HX07 manual identification
S0067	Air flow sensor characteristic value
S0068	Meter compensation coefficient
S0069	Tire dynamic radius
S0070	Differential ratio
S0071	Hino diesel vehicle identification
S0072	Flag to identify engine shutdown setting
S0073	Upper limit of speed limiter

S0074	Cruise maximum set vehicle speed
S0075	Flag to disable economy Q cut control
S0076	Flag to disable fuel economy retarder cut control
S0077	Flag to disable fuel economy control controlling acceleration in 7th gear
S0078	Flag to set vehicle fuel economy control main 'normally' to ON flag
S0079	Flag enabling cruise interlock auxiliary brake
S0080	Flag enabling speed limiter interlock auxiliary brake
S0081	Flag to interlock FS limiter eco-run SW
S0082	FS limiter OFF flag
S0083	Flag for muti-display limiter vehicle speed
S0084	Flag to interlock cruise auxiliary brake interlock control eco-run SW
S0085	Flag to interlock sid auxiliary brake interlock control eco-run SW
S0086	Brake blending mode
S0087	Change in revolutions of variable idle tipping operation
S0088	Brake blending setting selection flag
S0089	Air conditioner idle-up rpm
S0090	Maximum speed to allow for variable ISC set
S0091	Flag to permit drive master vehicle speed alarm
S0092	Flag to permit drive master engine speed alarm
S0093	Flag to permit drive master accelerator alarm
S0094	Flag to permit dribe master idle alarm
S0095	Selector flag enabling variable idle
S0096	Upper limit of vehicle speed to enable ECO mode accelerator alarm
S0097	Lower limit of vehicle speed to enable ECO mode accelerator alarm
S0098	Upper limit of vehicle speed to enable POW mode accelerator alarm
S0099	Lower limit of vehicle speed to enable POW mode accelerator alarm
S0100	Supply Pump Initializtion
S0101	DPR Forced Regeneration
S0102	DEF solution addition test

Action Function Table

A0001	Abs Motor Relay
A0002	Electromagnetic Relay
A0003	Abs Lamp
A0004	Sr Valve (Reduced: Rl)
A0005	Sh Valve (Hold: Rl)
A0006	Sr Valve (Reduced: Rr)
A0007	Sh Valve (Hold: Rr)
A0008	Sr Valve (Reduced: Fl)
A0009	Sh Valve (Hold: Fl)
A0010	Sr Valve (Reduced: Fr)
A0011	Sh Valve (Hold: Fr)
A0012	Sm Valve 2 (Main Cylinder Cut Off Solenoid Valve)
A0013	Sm Valve 1 (Main Cylinder Cut Off Solenoid Valve)
A0014	Stop Light Relay
A0015	Brake Warning Lamp
A0016	Vsc Or H/B Buzzer
A0017	Trc Turn Off Light
A0018	Vsc Turn Off Light
A0019	Slip Indication
A0020	Transmission Oil Temperature Warning Lamp Driving Force
A0021	O/D Turn Off Lights To Drive
A0022	Gear Box Alarm Light Forced Driving
A0023	Idle Stop Indicator Light
A0024	SLD stand-by light
A0025	Sld Lamp
A0026	Diagnostic Lamp
A0027	Es Start Lamp
A0028	Tm Reducer Lamp
A0029	Exhaust Brake Lamp
A0030	Brake lock buzzer outside the vehicle
A0031	Es Start Buzzer
A0032	Es Valve
A0033	Tm Reducer Solenoid Valve
A0034	Low Range Cut-Off Relay
A0035	Actuator Relay

A0036	Open The Starter Relay 1
A0037	Open The Starter Relay 2
A0038	Buzzer Cancel Relay
A0039	Air Delay Relay For Blower
A0040	Tachometer Display
A0041	Engine Retarder Lamp
A0042	Cruise Set Change
A0043	Speed Limit Setting Change
A0044	Memory reset
A0045	Yaw sensor calibration
A0046	Atomizer master air valve
A0047	Atomizer atomization air valve
A0048	Ignition coil
A0049	Combustion air valve
A0050	Fuel pump
A0051	Atomizer injector opening
A0052	Multi Disc Clutch Out Of Wet
A0053	Electromagnetic Clutch
A0054	Hv Regenerative Electronic Oil Pump
A0055	Idle Stop Electronic Oil Pump
A0056	Inspiratory Flow Check
A0057	Vnt Check
A0058	Fuel Leak Check
A0059	Check Turbocharger
A0060	Adjust Traffic Acceleration Sensor
A0061	Adjusting Pto Acceleration Sensor
A0062	Coolant shutoff valve
A0063	DEF pump reverting valve
A0064	DEF addition test
A0065	Motor Relay
A0066	Exhaust Brake Off Relay
A0067	Abs Warning Led
A0068	Slide Indication Led
A0069	Brake Warning Led
A0070	Air Valve R
A0071	Switched Electromagnetic (F)
A0072	Switched Electromagnetic (R)
A0073	Linear Electromagnetic (F)
A0074	Linear Electromagnetic (R)
A0075	Asr Lamp
A0076	Jet Stop Cylinder; 6 Cylinder
A0077	Jet Stop Cylinder; 5 Cylinder
A0078	Jet Stop Cylinder; 4 Cylinder
A0079	Jet Stop Cylinder; 3 Cylinder
A0080	Jet Stop Cylinder; 2 Cylinder
A0081	Jet Stop Cylinder; 1 Cylinder
A0082	Vnt Opening Degree
A0083	Egr Opening Degree
A0084	Target Engine Speed Rev / Min
A0085	Exhaust Brake Solenoid Valve
A0086	Engine Reducer Solenoid Valve #2
A0087	Engine Reducer Solenoid Valve #1
A0088	Egr Pulse Solenoid Valve
A0089	Egr Solenoid Valve #3
A0090	Egr Solenoid Valve #2
A0091	Egr Solenoid Valve #1
A0092	Vnt Solenoid Valve #1
A0093	Vnt Solenoid Valve #2
A0094	Vnt Solenoid Valve #3
A0095	Engine Stop Forced Drive
A0096	Pcv Electromagnetic #2 Stop
A0097	Pcv Electromagnetic #1 Stop
A0098	Preheat
A0099	DPR Manual Forced Regeneration
A0100	Reset All DPR Items
A0101	DPR Differential Pressure Check
A0102	Read Injector code

A0103	Write Injector code
A0104	Egr Check
A0105	Common Rail Pressure Check
A0106	Manual Check Of Egr Pulse System
A0107	Injector 1
A0108	Injector 2
A0109	Injector 3
A0110	Injector 4
A0111	Spray Stop Cylinder: 6 Cylinder
A0112	Spray Stop Cylinder: 5 Cylinder
A0113	Spray Stop Cylinder: 4 Cylinder
A0114	Spray Stop Cylinder: 3 Cylinder
A0115	Spray Stop Cylinder: 2 Cylinder
A0116	Spray Stop Cylinder: 1 Cylinder
A0117	Target Speed
A0118	The Intake Valve Open The Solar Term
A0119	Exhaust Brake Solenoid Valve Drive
A0120	Engine Reducer 2 Solenoid Valve Forced Drive
A0121	Engine Reducer 1 Solenoid Valve Forced Drive
A0122	Pulse Egr Electromagnetic Valve Actuation
A0123	T/M Reducer 2 Forced Drive
A0124	T/M Reducer 1 Forced Drive
A0125	Egr Solenoid Valve 3 Forced Drive
A0126	Egr Solenoid Valve 2 Forced Drive
A0127	Egr Solenoid Valve 1 Forced Drive
A0128	Vnt Solenoid Valve 1 Forced Stop
A0129	Vnt Solenoid Valve 2 Forced Stop
A0130	Vnt Solenoid Valve 3 Forced Stop
A0131	Pcv Solenoid Valve 2 Forced Stop
A0132	Pcv Solenoid Valve 1 Forced Stop
A0133	Forced Heating System
A0134	DPR Forced Regeneration
A0135	Urea Scr Related Memory Reset
A0136	Urea Scr Related Maintenance Reset
A0137	Water Urea Filter Maintenance Mileage Reset
A0138	Drive History Information To Reset The Journey
A0139	Simon Drive
A0140	Water Urea Solution Validation
A0141	Spray Stop Cylinder; Cylinder 1
A0142	Spray Stop Cylinder; Cylinder 2
A0143	Spray Stop Cylinder; Cylinder 3
A0144	Spray Stop Cylinder; Cylinder 4
A0145	Air Conditioning Cut Off
A0146	Tc Terminal
A0147	Read Vin Code
A0148	Write Vin Code
A0149	Inlet Flow Check
A0150	HV battery cooling fan
A0151	Cooling fan duty battery pack 1
A0152	Cooling fan duty battery pack 2
A0153	Cooling fan duty battery pack 3
A0154	Cooling fan duty battery pack 4
A0155	Duct selector
A0156	HV water pump drive
A0157	SM valve(Master cylinder cut solenoid valve)
A0158	SR valve(Reduce valve)
A0159	SH valve(Hold valve)
A0160	Motor
A0161	Stop lamp relay
A0162	ABS motor relay
A0163	Solenoid relay
A0164	Brake warning light
A0165	VSC H/B buzzer
A0166	TRC OFF light
A0167	VSC OFF light
A0168	Slip indicator
A0169	SR valve(Reduce:RL)

A0170	SH valve(Hold:RL)
A0171	SR valve(Reduce:RR)
A0172	SH valve(Hold:RR)
A0173	SR valve(Reduce:FL)
A0174	SH valve(Hold:FL)
A0175	SR valve(Reduce:FR)
A0176	SH valve(Hold:FR)
A0177	SM valve2(Master cylinder cut solenoid valve Rear)
A0178	SM valve1(Master cylinder cut solenoid valve Front)
A0179	Fine grip activation light
A0180	Fine grip alarm light
A0181	Emergency operation activation light
A0182	Height control operation light
A0183	Air suspension warning light
A0184	Inspecting the buzzer
A0185	R2 left open/close solenoid valve
A0186	R2 right open/close solenoid valve
A0187	R2 air supply/exhaust selector solenoid valve
A0188	R1 left open/close solenoid valve
A0189	R1 right open/close solenoid valve
A0190	R1 air supply/exhaust selector solenoid valve
A0191	Front open/close solenoid valve
A0192	Front air supply/exhaust selector solenoid valve
A0193	Communication shutoff solenoid valve between 2 rear axles
A0194	Power output for remote control
A0195	AT oil temperature warning light forcible drive
A0196	O/D OFF light forcible drive
A0197	AT warning light forcible drive
A0198	Ignition coil drive allowed
A0199	Disengagement of wet multi-plate clutch
A0200	Clutch solenoid
A0201	Electric oil pump for HV regeneration
A0202	Electric oil pump for idle stop
A0203	Ignition cut Ignition signal #1
A0204	Ignition cut Ignition signal #2
A0205	Ignition cut Ignition signal #3
A0206	Ignition cut Ignition signal #4
A0207	Ignition cut Ignition signal #5
A0208	Ignition cut Ignition signal #6
A0209	Electronic control throttle valve
A0210	Injection cut Injector#1
A0211	Injection cut Injector#2
A0212	Injection cut Injector#3
A0213	Injection cut Injector#4
A0214	Injection cut Injector#5
A0215	Injection cut Injector#6
A0216	Injection cut Injector#7
A0217	Injection cut Injector#8
A0218	6#Cyl.off
A0219	5#Cyl.off
A0220	4#Cyl.off
A0221	3#Cyl.off
A0222	2#Cyl.off
A0223	1#Cyl.off
A0224	Target common Rail Pressure
A0225	Target Engine RPM
A0226	EGR position
A0227	VNT position
A0228	Exhaust brake solenoid
A0229	Engine retarder solenoid valve#2
A0230	Engine retarder solenoid valve#1
A0231	Pulse EGR solenoid valve
A0232	Engine stop
A0233	PCV solenoid valve #2 stop
A0234	PCV solenoid valve #1 stop
A0235	Preheater
A0236	Intake throttle valve position

A0237	Transmission retarder2 forced drive
A0238	Transmission retarder1 forced drive
A0239	Pre-heater forced drive
A0240	Admission flag by pressure difference
A0241	PM clog up statement flag for admit of regeneration SW
A0242	Reset urea SCR related memory
A0243	Reset burner maintenance mileage
A0244	Reset urea SCR maintenance mileage
A0245	Reset urea filter maintenance mileage
A0246	Reset DPR maintenance mileage
A0247	Reset DPR related memory
A0248	Urea quality re-judgment enable
A0249	Reductant injector forced drive
A0250	FCV forced drive
A0251	History trip reset
A0252	Wastegate forced drive
A0253	Injection stop cylinder;1 cylinder
A0254	Injection stop cylinder;2 cylinder
A0255	Injection stop cylinder;3 cylinder
A0256	Injection stop cylinder;4 cylinder
A0257	Injection stop cylinder;5 cylinder
A0258	Injection stop cylinder;6 cylinder
A0259	Cylinder forced drive;1 cylinder
A0260	Cylinder forced drive;2 cylinder
A0261	Cylinder forced drive;3 cylinder
A0262	Cylinder forced drive;4 cylinder
A0263	Cylinder forced drive;5 cylinder
A0264	Cylinder forced drive;6 cylinder
A0265	Stop multiple cylinders
A0266	Glow relay
A0267	Exhaust brake command
A0268	Retarder brake command
A0269	EGR opening
A0270	Target rail pressure
A0271	Main injection timing
A0272	Intake throttle opening
A0273	Turbo opening
A0274	Exhaust throttle
A0275	Forced DPD regeneration
A0276	Fuel pump adjustment reset
A0277	DPD item reset
A0278	Air conditioner cut
A0279	VNT drive
A0280	EGR drive
A0281	PM regeneration
A0282	Exhaust retarder solenoid valve
A0283	Cylinder #1 cutout
A0284	Cylinder #2 cutout
A0285	Cylinder #3 cutout
A0286	Cylinder #4 cutout
A0287	Intake throttle
A0288	Trip information reset
A0289	TC/TE1
A0290	Sulfur recover
A0291	Front open/close MV
A0292	Front air supply/exhaust selector MV
A0293	Rear right open/close MV
A0294	Rear left open/close MV
A0295	Rear air supply/exhaust selector MV
A0296	Crouching indicator
A0297	Height up/ferry indicator
A0298	Warning light
A0299	Warning buzzer output
A0300	Internal power supply [Von]
A0301	Aqueous urea solution pump reverting valve
A0302	Adblue pump reverting valve
A0303	Exhaust brake cut relay

A0304	Slip indicator LED
A0305	Switch solenoid(F)
A0306	Switch solenoid(R)
A0307	Linear solenoid(F)
A0308	Linear solenoid(R)
A0309	ASR light
A0310	ES start light
A0311	Exhaust gas after treatment engine mode
A0312	Electronic control fan clutch drive
A0313	Aqueous urea solution confirmation
A0314	Common rail pressure
A0315	Target RPM
A0316	VNT opening
A0317	Exhaust brake solenoid valve forced drive
A0318	Engine retarder 2 solenoid valve forced drive
A0319	Engine retarder 1 solenoid valve forced drive
A0320	Pulse EGR solenoid valve forced drive
A0321	T/M retarder 2 forced drive
A0322	T/M retarder 1 forced drive
A0323	VNT solenoid valve 1 forced drive
A0324	VNT solenoid valve 2 forced drive
A0325	VNT solenoid valve 3 forced drive
A0326	Preheating system forced actuation
A0327	Flag to permit voltage detection
A0328	Aftertreatment engine mode
A0329	Intake throttle valve opening
A0330	Burner maintenance distance reset
A0331	Urea SCR related maintenance distance reset
A0332	Aqueous urea filter maintenance distance reset
A0333	DPR maintenance distance reset
A0334	DPR related memory reset
A0335	Aqueous urea solution judgment allowed
A0336	Fuel addition valve forced drive
A0337	FCV forced activation.
A0338	Drive history information trip reset
A0339	SLD light
A0340	Diagnosis light
A0341	TM retarder solenoid valve
A0342	Low range cut relay
A0343	Starter ON relay 1
A0344	Starter ON relay 2
A0345	Blower air delay relay
A0346	TM retarder lamp
A0347	Engine retarder light
A0348	Exhaust brake light
A0349	Proportioning solenoid valve
A0350	Fine grip open/close solenoid valve
A0351	Fine grip air supply/exhaust selector solenoid valve
A0352	Buzzer output
A0353	Air conditioner cut (ACT)
A0354	Purge (PRG)
A0355	FC/FPC control (FP/FPC)
A0356	VVT control (VVT)
A0357	TE1/TC terminal ON
A0358	F/C prohibition
A0359	Cylinder #4 (light is cut)
A0360	Cylinder #3 (light is cut)
A0361	Cylinder #2 (light is cut)
A0362	Cylinder #1 (light is cut)
A0363	Cylinder #4 (light is not cut)
A0364	Cylinder #3 (light is not cut)
A0365	Cylinder #2 (light is not cut)
A0366	Cylinder #1 (light is not cut)
A0367	Leveling motor primary operation
A0368	Leveling motor secondary operation
A0369	Main indicator
A0370	Front/rear vehicle height initialization

A0371	Cooling fan duty value
A0372	Indicator light
A0373	Accelerator limit request signal
A0374	Backup
A0375	Buzzer cancel request
A0376	Air delay relay
A0377	Engine stop request
A0378	ST ON relay 2
A0379	ST ON relay 1
A0380	Flag for vehicle speed
A0381	Drive duty ratio
A0382	F/C prohibited
A0383	TC terminal ON
A0384	Catalyst OT fire prevention F/C control
A0385	EGR VSV
A0386	Exhaust brake VSV
A0387	High-pressure fuel system test
A0388	Injection stop (#1)
A0389	Injection stop (#2)
A0390	Injection stop (#3)
A0391	Injection stop (#4)
A0392	PCS operation request
A0393	Stop light forcible drive
A0394	Meter demo display
A0395	Idle stop cancel indicator light
A0396	Indicator light during idle stop
A0397	VCS warning light
A0398	Idle stop brake lock valve relay 1
A0399	Idle stop brake lock valve relay 2
A0400	VCS actuator relay
A0401	Air conditioner OFF relay
A0402	Electric vacuum pump relay
A0403	Control valves, Axle 1
A0404	Control valves, Axle 2
A0405	Other output signals
A0406	Injection stop (# 1)
A0407	Injection stop (# 2)
A0408	Injection stop (# 3)
A0409	Injection stop (# 4)
A0410	Injection stop (# 5)
A0411	Injection stop (# 6)
A0412	Air conditioning removal
A0413	TC terminal ON.
A0414	High-pressure fuel testing
A0415	EGR stepping quantity
A0416	Lock-up solenoid valve
A0417	Tank by pass
A0418	Fuel pressure (D4)
A0419	CVT shift position
A0420	Interconnection cut-off valve
A0421	Heater control test
A0422	Atmospheric pressure intake valve
A0423	Diesel throttle
A0424	Injector stop
A0425	Pilot injection stop
A0426	Auxiliary brake relay 1
A0427	Auxiliary brake relay 2
A0428	Axle interlock relay
A0429	FSV solenoid valve
A0430	CBCS1/2 solenoid valve
A0431	Turbo warning function
A0432	Common rail pressure variable
A0433	Variable timing
A0434	Engine speed variable
A0435	Road gradient command
A0436	VGT 1 solenoid valve
A0437	VGT 2 solenoid valve

A0438	VGT 3 solenoid valve
A0439	Intake shutter solenoid valve
A0440	EGR 1 solenoid valve
A0441	EGR 2 solenoid valve
A0442	EGR CUT solenoid valve
A0443	Exhaust retarder prevention relay
A0444	ABS warning lamp
A0445	Slip indicator lamp
A0446	FR Control solenoid (H)
A0447	FR Control solenoid (L)
A0448	FL Control solenoid (H)
A0449	FL Control solenoid (L)
A0450	RR Control solenoid (H)
A0451	RR Control solenoid (L)
A0452	RL control solenoid (H)
A0453	RL control solenoid (L)
A0454	SRM1 solenoid (F)
A0455	SRM2 solenoid (R)
A0456	SMC1 solenoid (F)
A0457	SMC1 solenoid (R)
A0458	ES starting lamp
A0459	ES starting buzzer
A0460	Coolant on/off valves
A0461	Reversing valve
A0462	Airbag Lamp
A0463	DEF injector opening
A0464	Coolant shutoff value
A0465	DEF pump opening
A0466	N/C valve
A0467	N/O valve
A0468	ABS motor relay (MR, MR1, MR2)
A0469	VSC OFF lamp
A0470	Linear solenoid valve (rear system)
A0471	Linear solenoid valve (front line)
A0472	SR valve (pressure reducing valve)
A0473	SH valve (pressure retention valve)