

Disgnostic List FAW_v7.82

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System Menu	System Type	System Name	Function					Remark (Other Functions)
			Read version information	Read DTC	Erase DTC	Read Data Stream	Actuation Test	
Engine system	National III monomer pump	Bosch pump (BF4M, BF6M)	✓	✓	✓	✓	✓	-
Engine system	National III monomer pump	Hengyang pump (BF4M, BF6M)	✓	✓	✓	✓	-	-
Engine system	National III monomer pump	Hengyang pump (DEUTZ, 4DF3, 6DE3, 6DL)	✓	✓	✓	✓	-	-
Engine system	National III monomer pump	Bosch pump (BFM1013 T3, BFM2012 T3)	✓	✓	✓	✓	-	-
Engine system	National III monomer pump	Hengyang pump (4DW, 4DX, 4DF, 6DF)	✓	✓	✓	✓	✓	Cylinder cut-off test
Engine system	National III monomer pump	Hengyang pump (M8 T3, 4DC T3)	✓	✓	✓	✓	✓	Cylinder cut-off test
Engine system	National III monomer pump	Hengyang pump (BFM1013 T3, BFM2012 T3)	✓	✓	✓	✓	-	-
Engine system	National IV monomer pump	Hengyang pump onboard ECU (DEUTZ EGR)	✓	✓	✓	✓	-	-
Engine system	National IV monomer pump	Hengyang pump onboard ECU (DEUTZ SCR)	✓	✓	✓	✓	-	-
Engine system	National IV monomer pump	FEUPI-OBD diagnosis	✓	✓	✓	✓	-	-

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Engine system	National IV monomer pump	Hengyang pump onboard ECU (DEUTZ, 6DL, 6DM, 6DN)	✓	✓	✓	✓	✓	Ammonia tank loading confirmation code, diesel engine top dead center factory offline correction angle, loading ammonia tank 1 serial number, loading ammonia tank 2 serial number
Engine system	National V monomer pump	Hengyang pump onboard ECU (DEUTZ)	✓	✓	✓	✓	✓	Ammonia tank loading confirmation code, diesel engine top dead center factory offline correction angle, loading ammonia tank 1 serial number, loading ammonia tank 2 serial number
Engine system	National III common rail	Bosch common rail(4DC-55D)	✓	✓	✓	✓	✓	Write injector code
Engine system	National III common rail	Bosch common rail(4DC-26E)	✓	✓	✓	✓	✓	Write vehicle data
Engine system	National III common rail	Bosch common rail(4DF3)	✓	✓	✓	✓	✓	Each cylinder injector correction output
Engine system	National III common rail	Bosch common rail(6DL, 6DL/2, 6DM)	✓	✓	✓	✓	✓	Each cylinder injector correction output

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Engine system	National III common rail	Denso common rail4DD	✓	✓	✓	✓	✓	Read injector code
Engine system	National III common rail	Denso common rail(4DL1)	✓	✓	✓	✓	✓	Read and write injector code
Engine system	National III common rail	Denso common rail(6DL1)	✓	✓	✓	✓	✓	Odometer clear to zero, fuel pump learning
Engine system	National IV common rail	FAW common rail(6DL, 6DM, 4/6DK)	✓	✓	✓	✓	✓	Ammonia tank loading confirmation code, diesel engine top dead center factory offline correction angle, loading ammonia tank 1 serial number, loading ammonia tank 2 serial number
Engine system	National IV common rail	Bosch common rail(6DL, 6DL1/2, 6DM)	✓	✓	✓	✓	✓	Erase special DTC
Engine system	National IV common rail	Bosch common rail(4DC2)	✓	✓	✓	✓	✓	-
Engine system	National IV common rail	Bosch common rail(4DXR/4DW)	✓	✓	✓	✓	✓	Calibration mark, DPF update
Engine system	National IV common rail	Denso common rail(4DD)	✓	✓	✓	✓	✓	Read injector code
Engine system	National IV common rail	Denso common rail(4/6DL1, 4/6DLD)	✓	✓	✓	✓	✓	Read and write injector code

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Engine system	National IV common rail	Bosch common rail(4B2)	✓	✓	✓	✓	-	Erase PRV valve
Engine system	National V common rail	Bosch common rail(6DM2, 4DK1)	✓	✓	✓	✓	✓	Write vehicle data, erase special DTC
Engine system	National V common rail	Bosch common rail(4DXR4DW)	✓	✓	✓	✓	✓	VIN, EIN, compensation, calibration mark
Engine system	National V common rail	Bosch common rail(4DC3)	✓	✓	✓	✓	✓	VIN, EIN, compensation
Engine system	National V common rail	Bosch common rail(6DM2、4/6DK1)	✓	✓	✓	✓	✓	-
Engine system	National V common rail	FAW common rail(4/6DL1、4/6DK1、4DD、4DH1)	✓	✓	✓	✓	✓	Ammonia tank loading confirmation code, diesel engine top dead center factory offline correction angle, loading ammonia tank 1 serial number, loading ammonia tank 2 serial number
Engine system	National V common rail	Denso common rail(4/6DL1)	✓	✓	✓	✓	-	-

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Engine system	National VI common rail	FAW common rail (6DL, 6DM, 4/6DK, 4/6DH Autonomous gas drive)	✓	✓	✓	✓	✓	Ammonia tank loading confirmation code, diesel engine top dead center factory offline correction angle, loading ammonia tank 1 serial number, loading ammonia tank 2 serial number
Engine system	Natural gas engine	FAW	✓	✓	✓	✓	✓	Parameter modification
Engine system	Natural gas engine	Econtrol	✓	-	-	-	-	-
Transmission control system	AMT transmission	12 gear AMT transmission	✓	✓	✓	✓	✓	-
Transmission control system	AMT transmission	Off-road vehicle transmission	✓	✓	✓	✓	✓	Parameter modification
Transmission control system	AMT transmission	Qingqi AMT transmission	✓	-	-	-	-	-
Transmission control system	AMT transmission	J7 ZF transmission	✓	✓	✓	✓	-	-
ABS electronic control system	ABS electronic control system	WABCO	✓	✓	✓	✓	✓	-

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ABS electronic control system	ABS electronic control system	Hong Ding	✓	✓	✓	✓	✓	-
ABS electronic control system	ABS electronic control system	VIE	✓	✓	✓	✓	✓	-
ABS electronic control system	ABS electronic control system	Kormee	✓	✓	✓	✓	✓	-
ABS electronic control system	ABS electronic control system	Yuanfeng(Qingqi)	✓	✓	✓	✓	✓	-
ABS electronic control system	ABS electronic control system	VIE(Qingqi)	✓	✓	✓	✓	✓	-
ABS control system	WABCO-J7	WABCO electronic control system	✓	✓	✓	✓	✓	-
Anti-theft controller	CJAE(Qingqi)	--	✓	✓	-	-	-	Sensor information, match the key
Vehicle control system	FAW VCU	--	✓	✓	✓	✓	✓	-
Instrument control system	Aerospace Technology - Qingqi	Aerospace Technology control system	✓	-	-	-	✓	-
Instrument control system	Continent-J6P	Continent control system	✓	✓	✓	✓	✓	Parameter modification, replace parts
Instrument control system	Aerospace Technology-J6P	Aerospace Technology control system	✓	✓	✓	✓	✓	Parameter modification, replace parts
Instrument control system	Aerospace Technology-J7	Aerospace Technology control system	✓	✓	✓	✓	✓	Parameter modification
Body control system	Hirain-J6 2016	Hirain	✓	✓	✓	✓	✓	-
Body control system	Hirain-J7	Hirain	✓	✓	✓	✓	✓	Parameter modification

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Lane departure warning system	Suzhou Zhihua-J6 2016	Suzhou Zhihua	✓	✓	✓	✓	-	Parameter modification
Lane departure warning system	Hirain-J6 2016	--	✓	✓	✓	✓	-	Parameter modification, Calibration
Lane departure warning system	Hirain-J7	--	✓	✓	✓	✓	-	Parameter modification, Calibration
After-treatment control system	SCR After-treatment system	Bosch DCU	-	✓	✓	✓	-	-
After-treatment control system	SCR After-treatment system	Tenneco DCU	✓	✓	✓	✓	-	-
SCR After-treatment control system	Icokat	Icokat DCU	-	✓	-	-	-	-
SCR After-treatment control system	Kailong	Kailong DCU	-	✓	-	-	-	-
SCR After-treatment control system	Anti-theft control system	CJAE (Qingqi)	✓	✓	✓	✓	-	-
Air suspension control system	WABCO-J7	--	✓	✓	✓	✓	-	Parameter modification
Air suspension control system	WABCO-Qingqi	--	✓	✓	✓	✓	-	Parameter modification, Height sensor calibration
Retarder control system	Voith-J6	Voith Retarder	✓	✓	✓	✓	✓	-

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Gear position switch	Zhe jiang Wanchao -J7	Zhe jiang Wanchao	✓	✓	✓	-	-	-
Multifunctional steering wheel	Zhe jiang Wanchao -J7	Zhe jiang Wanchao	✓	✓	✓	-	-	-
Gateway control system	Hirain-J6 2016	Hirain electronic control system	✓	✓	✓	-	-	Parameter modification
Gateway control system	Hirain-J7	--	✓	✓	✓	-	-	Parameter modification
Door control system	Hirain-J7	Hirain electronic control system	✓	✓	✓	✓	✓	Parameter modification, remote control matching
Fleet management system	Hirain-J6 2016	Hirain	✓	✓	✓	✓	-	Parameter modification
Fleet management system	Hirain-J7	--	✓	✓	✓	✓	-	Parameter modification
Fleet management system	Aerospace Technology J7	--	✓	✓	✓	✓	-	Parameter modification
Adaptive cruise system	WABCO-J7	WABCO electronic control system	✓	✓	✓	✓	✓	-
Electronic parking controller	Ruili	--	✓	✓	✓	✓	-	Parameter modification
Tire pressure control system	J7-Baolong	--	✓	✓	✓	✓	-	Parameter modification

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J7	Engine controller	--	✓	✓	✓	✓	✓	-
J7	Transmission control system	--	✓	✓	✓	✓	✓	-
J7	Vehicle controller	--	✓	✓	✓	✓	✓	Parameter modification
J7	ABS controller	--	✓	✓	✓	✓	-	Parameter modification
J7	Body controller	--	✓	✓	✓	✓	✓	Parameter modification
J7	Door controller	--	✓	✓	✓	✓	✓	Parameter modification, remote control matching

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J7	Fleet management system	Hirain-J6 2016	✓	✓	✓	✓	-	Parameter modification
J7	Air suspension controller	--	✓	✓	✓	✓	-	Parameter modification
J7	Instrument controller	--	✓	✓	✓	✓	✓	Parameter modification
J7	Gear position switch	--	✓	✓	✓	-	-	-
J7	Multifunctional steering wheel	--	✓	✓	✓	-	-	-
J7	Adaptive cruise controller	--	✓	✓	✓	✓	✓	-
J7	Transmission	ZF	✓	✓	✓	✓	-	-
J7	Tire pressure controller	--	✓	✓	✓	✓	-	Parameter modification
J6P	Instrument controller	Aerospace Technology	✓	✓	✓	✓	✓	Parameter modification, replace parts
J6P	Instrument controller	Continent	✓	✓	✓	✓	✓	Parameter modification, replace parts
J6F	Electronic parking controller	--	✓	✓	✓	✓	-	Parameter modification