

1	HD_ASTRA	V10.03
2	HD_BENZ	V13.10
3	HD_BREMACH	V10.02
4	HD_CUMMINS	V14.24
5	HD_DAF	V10.05
6	HD_FUSO	V13.00
7	HD_HINO	V12.00
8	HD_HYUNDAI	V11.00
9	HD_ISUZU	V12.20
10	HD_IVECO	V11.01
11	HD_MACK	V10.16
12	HD_MAN	V13.00
13	HD_OBD	V11.04
14	HD_SCANIA	V11.05
15	HD_SINOTRUK	V10.03
16	HD_VOLVO	V14.11

VEHICLE	MODEL / SYSTEM / SUB.SYS.		CONNECTOR	INFO	RDTC	CDTC	DS	ACT	Spec.Func			
HD_ASTRA	ADT	DIESEL INJECTION	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓				
	HD7	ABS	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓				
		EBS	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓					
	Military vehicle	BRAKE POWER SUPPORT	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓				
Truck	ACTROS	ACTROS WDB930.0 - 934.0	Quick test									
			Select System From Manual	GM - Base Module	①SMART OBDII-16	✓	✓	✓	✓			
				MR - Engine Control	①SMART OBDII-16	✓	✓	✓	✓			
				INS - Instrument	①SMART OBDII-16	✓	✓	✓	✓			
				BS - Brake Control	①SMART OBDII-16	✓	✓	✓	✓			
				ZHE - Auxiliary Heater	①SMART OBDII-16	✓	✓	✓				
				FM - Front Module	①SMART OBDII-16	✓	✓	✓	✓			
				MSF – Modular switch panel	①SMART OBDII-16	✓	✓	✓	✓			
				MTCO – Modular tachograph	①SMART OBDII-16	✓	✓	✓	✓			
				GS – Gear control	①SMART OBDII-16	✓	✓	✓				
				FR – Drive control	①SMART OBDII-16	✓	✓	✓	✓			
				HM – Rear module	①SMART OBDII-16	✓	✓	✓				
				TMF – Driver's door module	①SMART OBDII-16	✓	✓	✓				
				WS Maintenance system	①SMART OBDII-16	✓	✓	✓	✓			
	SPA Lane Assistant	①SMART OBDII-16		✓	✓	✓	✓					
	HPS hydraulic pneumatic shift	①SMART OBDII-16	✓		✓	✓						
	PSM Parameterizable Special Module	①SMART OBDII-16	✓	✓	✓							
			ACTROS WDB950.0 - 954.0	Quick test								
				Select System From Manual	FR – Drive control	①BENZ-14	✓	✓	✓	✓		
					GS – Gear control(AGS)	①BENZ-14	✓	✓	✓	✓		
INS - Instrument					①BENZ-14	✓	✓	✓	✓			
MR - Engine Control					①BENZ-14	✓	✓	✓	✓			
SPA Lane Assistant					①BENZ-14	✓	✓	✓	✓			
WS Maintenance system	①BENZ-14	✓	✓		✓	✓						
MTCO – Modular tachograph	①BENZ-14	✓	✓	✓	✓							



				KWS Articulation angle control	①BENZ-14	✓	✓	✓	✓		
				ZHE auxiliary heater	①BENZ-14	✓	✓	✓	✓		
				DTCO digital tachograph	①BENZ-14	✓	✓	✓	✓		
				Quick test							
			O345 ->O345 CONECTO Euro I+II Articulated Bus	Select System From Manual	AGN Automatic transmission commercial vehicles	①BENZ-14	✓	✓	✓	✓	
					KWS Articulation angle control	①BENZ-14	✓	✓	✓	✓	
					DTCO digital tachograph	①BENZ-14	✓	✓	✓	✓	
				Quick test							
			O350 TOURISMO O403	Select System From Manual	MR engine control	①BENZ-14	✓	✓	✓	✓	
					FR drive control	①BENZ-14	✓	✓	✓	✓	
					ZHE auxiliary heater	①BENZ-14	✓	✓	✓	✓	
					DTCO digital tachograph	①BENZ-14	✓	✓	✓	✓	
			O350 TOURISMO Euro I+II O403 Euro I+II	Quick test							
				Select System From Manual	ZHE auxiliary heater	①BENZ-14	✓	✓	✓	✓	
					TCO tachograph	①BENZ-14	✓	✓	✓	✓	
				Quick test							
			O405 O407 O408	Select System From Manual	AGN Automatic transmission commercial vehicles	①BENZ-14	✓	✓	✓	✓	
					KWS Articulation angle control	①BENZ-14	✓	✓	✓	✓	
					ZHE auxiliary heater	①BENZ-14	✓	✓	✓	✓	
HD_BREMACH	Brick	DIESEL INJECTION	Bosch EDC MS 6.3	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓		
	Extreme	DIESEL INJECTION	Bosch EDC MS 6.3	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓		
	Job	DIESEL INJECTION	Bosch EDC MS 6.3	①SMART OBDII-16 ②IVECO-30	✓	✓	✓	✓	✓		
	ISBe(J1708)			①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓	✓	✓			FREEZE FRAME
	B5.9G			①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓	✓	✓			1.FREEZE FRAME 2.ECM diagnostic test
	ISC/ISL			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓	✓			
	ISBe(J1939)			①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓H	✓	✓			Driving record
	480C-E			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
	C Gas Plus/B Gas Plus			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓	✓			
	C8.3G/L10G			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
	CELECT			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
	CELECT Plus			①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				

CELECT Plus Ind	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
Centinel	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
CENTRY	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISB	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISB - CM2150D	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISB - CM850	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISB Daimler Chrysler	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISBe4 (4 and 6 Cylinder)(J1939)	①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓	✓	✓		Driving record
ISC - CM2150D	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISC / Transit Bus ISL8.3 - CM850	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISDe - CM2150C	①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓	✓	✓		
ISL - CM2150D	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISL8.9 - CM850	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISLe - CM2150C	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓	✓		
ISLe - CM2150C	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISLe4 (6 Cylinder)	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISM	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			
ISM - CM870	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓			

HD\_CUMMINS

ISM - CM875	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
ISM - CM876	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
ISZ - CM2150D	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
L Gas Plus	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
PIM	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSB3.3 - CM2150D	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSB4.5/5.9/6.7 - CM850	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSB5.9/44, 5.9/30, 4.5/30, 3.9/30	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSB5/7 - CM850 - Power Gen	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSC8.3 - CM850	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSC8.3/QSL9	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK19 - CM850 - MCRS	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK19 - CM850 - Power Gen	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK19/23 - CM500	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK19/23/45/60/78	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK19G/45G/60G, QSV81/91	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK38 - CM850 -MCRS	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				
QSK50/60 - CM850 - MCRS	①OBD-6 ②OBD-9 ③OBD-6&9		✓	✓				

QSK50/60 - CM850 - Power Gen		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QSL9 - CM850		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QSL9 - CM850 - Power Gen		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QSM11		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QSM11 - CM876 - Power Gen		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QST30		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
QSX15		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
Signature/ISX		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
Signature/ISX - CM870		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
Signature/ISX - CM871		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓				
ISBe4 (4 and 6 Cylinder)(J1708)		①OBD-6 ②OBD-9 ③OBD-6&9	✓	✓	✓			
HD_DAF	95 XF	ABS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
		SUSPENSIONS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
	CF	A/T	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
		ABS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
		BRAKE POWER SUPPORT	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
		DIESEL INJECTION	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
		EBS	①SMART OBDII-16 ②DAF-16	✓	✓	✓		
	SUSPENSIONS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
	LF	ABS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
	New CF	ABS	①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓	
BRAKE POWER SUPPORT		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		

XF 105	EBS		①SMART OBDII-16 ②DAF-16	✓	✓	✓				
	ABS		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓			
	BRAKE POWER SUPPORT		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓			
	EBS		①SMART OBDII-16 ②DAF-16	✓	✓	✓				
	XF 95	AT		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
		ABS		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
		BRAKE POWER SUPPORT		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
		DIESEL INJECTION		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
		EBS		①SMART OBDII-16 ②DAF-16	✓	✓	✓			
		SUSPENSIONS		①SMART OBDII-16 ②DAF-16	✓	✓	✓	✓		
	PowerTrain	Engine	ENG_1	①MITSUBISHI-12+16	✓	✓	✓	✓		
			ENG_2	①MITSUBISHI-12+16	✓	✓	✓	✓		
			ENG_3	①MITSUBISHI-12+16	✓	✓	✓	✓		
ENG_4			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_5			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_6			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_7			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_8			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_9			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_10			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_11			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_12			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_13			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_14			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_15			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_16			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_17			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_18			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_19			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_20			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_21			①MITSUBISHI-12+16	✓	✓	✓	✓			
ENG_22			①MITSUBISHI-12+16	✓	✓	✓	✓			
Transmission		AT_1	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_2	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_3	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_4	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_5	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_6	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_7	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_8	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_9	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_10	①MITSUBISHI-12+16	✓	✓	✓	✓			
		AT_11	①MITSUBISHI-12+16	✓	✓	✓	✓			
AT_12	①MITSUBISHI-12+16	✓	✓	✓	✓					
AT_13	①MITSUBISHI-12+16	✓	✓	✓	✓					
HD_FUSO										

	Integration Control	ITC_1	①MITSUBISHI-12+16	✓	✓	✓	✓		
Chassis	ABS	ABS_1	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_2	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_3	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_4	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_5	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_6	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_7	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_8	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_9	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_10	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_11	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_12	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_13	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_14	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_15	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_16	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_17	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_18	①MITSUBISHI-12+16	✓	✓	✓	✓		
		ABS_19	①MITSUBISHI-12+16	✓	✓	✓	✓		
Body	Immobilizer	IMM_1	①MITSUBISHI-12+16	✓	✓	✓	✓		
	Air Bag	AB_1	①MITSUBISHI-12+16	✓	✓	✓	✓		
		AB_2	①MITSUBISHI-12+16	✓	✓	✓	✓		
	E13CTJ Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTK Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTM Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTM Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTL Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTN Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTP Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTR Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTR Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTS Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTT Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J08ETB Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J08ETE Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J08ETA Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J05DTA Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J05DTA Engine trial01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTS Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	P11CUH Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	P11CUH Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	P11CUJ Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	P11CUJ Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUN Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUR Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUK Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUN Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUR Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUL Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CUP Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J07ETB Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	J05DTC Engine01		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTM Engine03		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTR Engine03		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTL Engine02		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME
	E13CTS Engine03		①SMART OBDII-16	✓	✓	✓	✓	✓	1.FREEZE FRAME









U2(E13CTU)01	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)02	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)05	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)06	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)01	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)02	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)05	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)06	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)01	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)02	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)01	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)02	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)03	①SMART OBDII-16	✓	✓	✓					
U2(P11CUE)01	①SMART OBDII-16	✓	✓	✓					
U2(P11CUE)02	①SMART OBDII-16	✓	✓	✓					
U2(P11CUF)01	①SMART OBDII-16	✓	✓	✓					
U2(P11CUF)02	①SMART OBDII-16	✓	✓	✓					
U2(E13CTA)03	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)03	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)04	①SMART OBDII-16	✓	✓	✓					
U2(P11CUE)03	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)05	①SMART OBDII-16	✓	✓	✓					
U2(P11CUF)03	①SMART OBDII-16	✓	✓	✓					
U2(P11CUF)04	①SMART OBDII-16	✓	✓	✓					
U2(P11CUM)HV01	①SMART OBDII-16	✓	✓	✓					
U2(E13CTA)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTA)05	①SMART OBDII-16	✓	✓	✓					
U2(E13CTB)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTB)05	①SMART OBDII-16	✓	✓	✓					
U2(E13CTC)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTC)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTD)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTD)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTE)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTE)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTF)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTF)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTG)03	①SMART OBDII-16	✓	✓	✓					
U2(E13CTG)04	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)07	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)08	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)09	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)10	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)11	①SMART OBDII-16	✓	✓	✓					
U2(E13CTU)12	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)07	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)08	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)09	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)10	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)11	①SMART OBDII-16	✓	✓	✓					
U2(E13CTH)12	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)04	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)05	①SMART OBDII-16	✓	✓	✓					
U2(P11CUC)06	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)06	①SMART OBDII-16	✓	✓	✓					
U2(P11CUD)07	①SMART OBDII-16	✓	✓	✓					



HD\_HINO

ENGINE

U2(E13CTF)09	①SMART OBDII-16	✓	✓	✓				
U2(E13CTG)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CTG)08	①SMART OBDII-16	✓	✓	✓				
U2(E13CTG)09	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)17	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)18	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)19	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)20	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)21	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)22	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)23	①SMART OBDII-16	✓	✓	✓				
U2(E13CTU)24	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)19	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)20	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)21	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)22	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)23	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)24	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)25	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)26	①SMART OBDII-16	✓	✓	✓				
U2(E13CTH)27	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)03	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)02	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)01	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)02	①SMART OBDII-16	✓	✓	✓				
U2(J05DTD)01	①SMART OBDII-16	✓	✓	✓				
U2(J05DTD)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETF)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETF)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)03	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)08	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)07	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)03	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)04	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)05	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)06	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)07	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)03	①SMART OBDII-16	✓	✓	✓				

U2(J07ETC)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)10	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)08	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)10	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)11	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)09	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)10	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)11	①SMART OBDII-16	✓	✓	✓				
U2(J08ETB)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETA)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETM)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETM)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)04	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)12	①SMART OBDII-16	✓	✓	✓				
U2(J05DTA)01	①SMART OBDII-16	✓	✓	✓				
U2(J05ETA)01	①SMART OBDII-16	✓	✓	✓				
U2(J05ETA)02	①SMART OBDII-16	✓	✓	✓				
U2(J05ETA)03	①SMART OBDII-16	✓	✓	✓				
U2(J05ETB)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)04	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)04	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)05	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)05	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)11	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)12	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)12	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)13	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)06	①SMART OBDII-16	✓	✓	✓				
U2(J08ETF)03	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)13	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)14	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)15	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)14	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)16	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)17	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)15	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)16	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)17	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)18	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)06	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)08	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)18	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)13	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)14	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)15	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)16	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)17	①SMART OBDII-16	✓	✓	✓				
U2(J05DTD)03	①SMART OBDII-16	✓	✓	✓				
U2(J05DTD)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)19	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)20	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)19	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)20	①SMART OBDII-16	✓	✓	✓				

U2(J07ETB)21	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)22	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)18	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)19	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)20	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)21	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)22	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)23	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)24	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)25	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)05	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)26	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)06	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)07	①SMART OBDII-16	✓	✓	✓				
U2(J08ETD)08	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)09	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)10	①SMART OBDII-16	✓	✓	✓				
U2(J08ETC)11	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)21	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)22	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)23	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)24	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)25	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)23	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)24	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)25	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)10	①SMART OBDII-16	✓	✓	✓				
U2(J07ETA)11	①SMART OBDII-16	✓	✓	✓				
U2(J08ETF)04	①SMART OBDII-16	✓	✓	✓				
U2(P11CUD)13	①SMART OBDII-16	✓	✓	✓				
U2(P11CUF)09	①SMART OBDII-16	✓	✓	✓				
U2(P11CUF)10	①SMART OBDII-16	✓	✓	✓				
U2(P11CUM)HV02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUB)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUC)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUE)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUF)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUG)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)03	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)01	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)03	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUB)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)03	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)04	①SMART OBDII-16	✓	✓	✓				
U2(E13CUB)03	①SMART OBDII-16	✓	✓	✓				
U2(E13CUB)04	①SMART OBDII-16	✓	✓	✓				
U2(E13CUC)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)03	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)04	①SMART OBDII-16	✓	✓	✓				
U2(E13CUE)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUF)02	①SMART OBDII-16	✓	✓	✓				
U2(E13CUG)02	①SMART OBDII-16	✓	✓	✓				





U2(E13CUB)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUC)06	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUE)06	①SMART OBDII-16	✓	✓	✓				
U2(E13CUF)06	①SMART OBDII-16	✓	✓	✓				
U2(E13CUG)06	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)15	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)16	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)17	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)18	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)19	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)20	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)16	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)17	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)18	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)19	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)20	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)21	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)10	①SMART OBDII-16	✓	✓	✓				
U2(E13CUA)11	①SMART OBDII-16	✓	✓	✓				
U2(E13CUB)08	①SMART OBDII-16	✓	✓	✓				
U2(E13CUC)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUD)08	①SMART OBDII-16	✓	✓	✓				
U2(E13CUE)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUF)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUG)07	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)21	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)22	①SMART OBDII-16	✓	✓	✓				
U2(E13CUH)23	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)22	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)23	①SMART OBDII-16	✓	✓	✓				
U2(E13CUJ)24	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)03	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)02	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)01	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)02	①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)01	①SMART OBDII-16	✓	✓	✓				
U2(J05D)01	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)04	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)05	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)03	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)04	①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)02	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)04	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)05	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)03	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)04	①SMART OBDII-16	✓	✓	✓				

U2(J05DTE)05	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)06	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)07	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)06	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)07	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)08	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)26	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)27	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)27	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)28	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)29	①SMART OBDII-16	✓	✓	✓				
U2(J05DTC)30	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)26	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)27	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)07	①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)03	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)28	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)29	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)28	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)29	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)30	①SMART OBDII-16	✓	✓	✓				
U2(J07ETC)31	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)30	①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)31	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)10	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)11	①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)10	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)05	①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)06	①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)04	①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)05	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)06	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)12	①SMART OBDII-16	✓	✓	✓				
U2(J08ETK)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)13	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)14	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)08	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)10	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)07	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)08	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)15	①SMART OBDII-16	✓	✓	✓				
U2(J05DTE)16	①SMART OBDII-16	✓	✓	✓				
U2(J05DTH)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)11	①SMART OBDII-16	✓	✓	✓				
U2(J07ETF)12	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)09	①SMART OBDII-16	✓	✓	✓				
U2(J07ETG)10	①SMART OBDII-16	✓	✓	✓				
U2(J07ETH)01	①SMART OBDII-16	✓	✓	✓				
U2(J07ETH)02	①SMART OBDII-16	✓	✓	✓				

U2(J07ETJ)01			①SMART OBDII-16	✓	✓	✓				
U2(J07ETJ)02			①SMART OBDII-16	✓	✓	✓				
U2(J07ETJ)03			①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)07			①SMART OBDII-16	✓	✓	✓				
U2(J08ETP)08			①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)11			①SMART OBDII-16	✓	✓	✓				
U2(J08ETR)12			①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)06			①SMART OBDII-16	✓	✓	✓				
U2(J08ETS)07			①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)09			①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)10			①SMART OBDII-16	✓	✓	✓				
U2(J07ETE)11			①SMART OBDII-16	✓	✓	✓				
U2(J07ETB)32			①SMART OBDII-16	✓	✓	✓				
U2(E13CTY)09			①SMART OBDII-16	✓	✓	✓				
Training Board01			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
Training Board02			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C01			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C02			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C03			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C04			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C05			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C06			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C07			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C08			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C09			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C10			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C11			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09C12			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09CTJ01			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
A09CTK01			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
E13CTT Engine03			①SMART OBDII-16	✓	✓	✓	✓	✓		1.FREEZE FRAME
Light-van	Engine management system	W-Engine (DENSO)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓			
		VGT EURO 3	①SMART OBDII-16	✓	✓	✓	✓	✓		INJECTOR SPECIFIC DATA
	Brake control system	WABCO HPB	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓			
		MOBIS ABS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓			
	ETACS		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓				✓		
	DTG / DIS	DTG	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓				✓		
Medium truck	ETACS		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓				✓		
	DTG / DIS	DTG / DIS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓			
		DTG	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓				✓		

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Heavy-duty goods vehicles	Engine management system	Power Tec (before 04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
		Power Tec (after 04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
		Power Tec (GV/PY/07MY)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
		Q-2000 Engine	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
		H-Engine	①OBD-6&9	√	√	√	√		
		L-Engine	①OBD-6&9	√	√	√	√		
	A/T	ASTRONIX ATM2	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
	Brake control system	ZF retarder	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
	Suspension control system	WABCO ECAS	①OBD-6&9	√	√	√	√		
	Body control system	ETACS(04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
		ETACS(GV/PY/07MY)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
		BCM	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
	Lane departure alarm system		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
	DTG /DIS	DTG /DIS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
DTG		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√			
Light bus	Engine management system	W-Engine (DENSO)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
	Brake control system	WABCO HPB	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
		MOBIS ABS	①OBD-6&9	√	√	√	√		
	ETACS(ETACS)		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
	DTG / DIS	DTG	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
	Engine management system	Global 900(PLD)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		

Medium bus	Brake control system	knorr ABS6	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
	ETACS(ETACS)		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓			✓		
	DTG /DIS	DTG / DIS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		DTG	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓			✓		
Large bus	Engine management system	Power Tec (before 04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		Power Tec (after 04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		Power Tec (GV/PY/07MY)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		Q-2000 Engine	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		H-Engine	①OBD-6&9	✓	✓	✓	✓		
		L-Engine	①OBD-6&9	✓	✓	✓	✓		
		L-Engine (exported to Japan)	①OBD-6&9	✓	✓	✓	✓		
	A/T	ZF ECOMAT 2	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		ZF ECOMAT 4	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
	Brake control system	knorr ABS6	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		ZF retarder	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
		Voice retarder	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		
	Body control system	ETACS(04EM)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓			✓		
		ETACS(GV/PY/07MY)	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓			✓		
		BCM	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓			✓		
	Suspension control system	WABCO ECAS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	✓	✓	✓	✓		

			Lane departure alarm system		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
			Event recorder		①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
			DTG /DIS	DTG / DIS	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√	√	√	√		
				DTG	①SMART OBDII-16 ②HD HYUNDAI-16 ③OBD-6&9	√			√		
HD_ISUZU	2008	N Series Truck	Engine	4HK1-TC (C/Rail) 4JJ1-TC (C/Rail)	①OBD-6&9 ①OBD-6&9	√	√	√	√		
			Body	Immobiliser	①SMART OBDII-16	√	√	√	√		
		F&G Series Truck	Engine	4HK1-TC (C/Rail) 6HK1-TC (C/Rail)	①OBD-6&9 ①OBD-6&9	√	√	√	√		
			Body	Immobiliser	①SMART OBDII-16	√	√	√	√		
			Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√		
		C&E Series Truck	Engine	6WG1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
	LT/LV Series Bus	Engine	6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√			
		Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√			
	2007	N Series Truck	Engine	4HK1-TC (C/Rail) 4JJ1-TC (C/Rail)	①OBD-6&9 ①OBD-6&9	√	√	√	√		
			Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√		
		F&G Series Truck	Engine	4HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
		C&E Series Truck	Engine	6WG1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
		LT/LV Series Bus	Engine	6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
	Transmission		Automatic Transmission	①OBD-6&9	√	√	√	√			
	2006	(C*,E*,L*,F*)Heavy-Medium Duty	Engine	6WF1-TC(C/Rail)	①SMART OBDII-16	√	√	√	√	√	
			Chassis	ESC(with EBS)	①SMART OBDII-16	√	√	√	√	√	
				ABS 6	①SMART OBDII-16	√	√	√	√	√	
	2005	(N*) ELF,NPR,NQR,VFR	Engine	4JH1-TC Bosch	①SMART OBDII-16	√	√	√	√	√	1.Misc Test 2.Programming
			Engine	6WF1-TC(C/Rail)	①SMART OBDII-16	√	√	√	√	√	
		(C*,E*,L*,F*)Heavy-Medium Duty	Chassis	ESC(with EBS)	①SMART OBDII-16	√	√	√	√	√	
			Chassis	ABS 6	①SMART OBDII-16	√	√	√	√	√	
	KV/KR Bus Series	Chassis	ABS 6	①SMART OBDII-16	√	√	√	√	√		
2004	(C*,E*,L*,F*)Heavy-Medium Duty	Engine	6WF1-TC(C/Rail)	①SMART OBDII-16	√	√	√	√	√		
2003	(N*) ELF,NPR,NQR,VFR	Engine	4HL1/4HJ1 4HL1/4HJ1(Vehicle Interface Module)	①SMART OBDII-16 ①SMART OBDII-16		√	√	√			
		Engine	4HL1/4HJ1 4HL1/4HJ1(Vehicle Interface Module)	①SMART OBDII-16 ①SMART OBDII-16		√	√	√			
2002	(N*) ELF,NPR,NQR,VFR	Engine	4HL1/4HJ1 4HL1/4HJ1(Vehicle Interface Module)	①SMART OBDII-16 ①SMART OBDII-16			√	√	√		
		(C*,E*,L*,F*)Heavy-Medium Duty	Transmission	AT Allsion WT	①SMART OBDII-16	√	√	√	√		
HD_IVECO	Iveco Diesel(Euro-III) BOSCH EDC7				①SMART OBDII-16 ②IVECO-30	√	√	√	√	√	1.FREEZE FRAME 2.Driving record
	IVECO Gas engine				①SMART OBDII-16 ②IVECO-30	√	√	√	√	√	FREEZE FRAME
	Iveco Diesel(Euro-IV) BOSCH EDC7UC31				①SMART OBDII-16 ②IVECO-30	√	√	√	√		
	Iveco Diesel(Euro-IV) Exhaust gas aftertreatment DENOXTRONIC 2				①SMART OBDII-16 ②IVECO-30	√	√	√	√	√	
			128 Engine control unit		①SMART OBDII-16 ②OBD-6 ③OBD-9	√	√	√	√		









HD\_SCANIA

144	ABS	Wabco D	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓			
		Knorr EBS 2.2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓	✓		
	SUSPENSIONS	Wabco ELC Generation 1	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓			
		Wabco ELC Generation 2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓			
	164	ABS	Wabco D	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓		
		DIESEL INJECTION	Bosch PDE EDC MS 6.2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓	✓	
		EBS	Knorr EBS 2.2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓	✓	
		SUSPENSIONS	Wabco ELC Generation 1	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓		
	Wabco ELC Generation 2		①SMART OBDII-16 ②R16-OBD16	✓	✓	✓			
	94	ABS	Wabco D	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓		
		EBS	Knorr EBS 2.2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓	✓	
		SUSPENSIONS	Wabco ELC Generation 1	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓		
			Wabco ELC Generation 2	①SMART OBDII-16 ②R16-OBD16	✓	✓	✓		
	R	APS		①OBD-6&9	✓	✓	✓	✓	
BMS		①OBD-6&9	✓	✓	✓	✓			
CCS		①OBD-6&9	✓	✓	✓	✓			
COO		①OBD-6&9	✓	✓	✓	✓			
EMS		①OBD-6&9	✓	✓	✓	✓			
ICL		①OBD-6&9	✓	✓	✓	✓			
SMS		①OBD-6&9	✓	✓	✓	✓			
VIS		①OBD-6&9	✓	✓	✓	✓			

HD\_SINOTRUK

HOWO / Sitaier King / Gold Prince / Hao Jun	DENSO diesel common rail diagnostic system		①OBD-6&9	✓	✓	✓	✓	✓	FREEZE FRAME
	HINO engine		①DIESEL-16	✓	✓	✓	✓	✓	
	EGR system		①SMART OBDII-16	✓	✓	✓	✓		1.ECU operating condition 2.EGR test 3.Calibration

COMP04	MID 128 Engine ECU		①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓		
	MID 130 Transmission ECU		①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓		
	MID 140 Information display		①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓		
	MID 144 Vehicle ECU		①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓		

FE

MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				

FH



FH565	MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
	MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
FL	MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
	MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
	MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
	MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
	MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			

VERSION  
2

FM

MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 163 Immobilizer	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 179 FMS Gateway	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 216 Outer lighting control unit (LCM)	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 220 Tachograph	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 222 Retarder ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 232 Airbag, control unit (SRS)	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 233 AdBlue Dosing system control unit (ADS)	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			

FM12

MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 216 Outer lighting control unit (LCM)	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
FM9	MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√		
	MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√		
	MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√		
	MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√		
	MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√			
	MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√			
	MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√		



NH12

MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				

VHD

MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				

HD\_VOLVO

VM

VN

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MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			

			MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
			MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
			MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			

AC

FH12

FH16

MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				

FH565

		MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
FL6		MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
		MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
		MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
		MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
		MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
		MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
FM10		MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
		MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
		MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
		MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
		MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
		MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				

Vehicle electronics '98

FM12

FM7

MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√	√			

NH12

MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				

NH525

MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				

NH565

MID 140 Information display

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 144 Vehicle ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 146 Climate unit

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 249 BBM, body builder module

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

VHD

MID 128 Engine ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

✓

MID 130 Transmission ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 140 Information display

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 144 Vehicle ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

✓

MID 146 Climate unit

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 249 BBM, body builder module

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

VN

MID 128 Engine ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

✓

MID 130 Transmission ECU

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓

MID 140 Information display

①OBD-6  
②OBD-9  
③OBD-6&9  
④VOLVO-8

✓

✓

✓



VIN

WG

WX

MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 128 Engine ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			
MID 130 Transmission ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 140 Information display	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓				
MID 144 Vehicle ECU	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	✓	✓	✓	✓			

			MID 146 Climate unit	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√			
			MID 249 BBM, body builder module	①OBD-6 ②OBD-9 ③OBD-6&9 ④VOLVO-8	√	√	√			

(\*):Tested;  
 (?):Manual on website([www.x431.com](http://www.x431.com))  
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