

LAUNCH	HD_FREIGHTLINER V10.05 Diagnostics List (Note:For reference only)							
VEHICLE	SYSTEM / SUB.SYS.	INFO	RDTC	CDTC	DS	ACT	Spec.Func	
Cascadia	SAE J1939	Engine	✓	✓	✓	✓		
		Aftertreatment diagnostics	✓	✓	✓	✓		
		Transmission	✓	✓	✓			
		Brakes	✓	✓	✓			
		Instrument panel	✓	✓	✓			
		Body controller	✓	✓	✓			
		Chassis controller	✓	✓	✓			
	SAE J1708	Engine	✓	✓	✓	✓		
		Transmission	✓	✓	✓	✓		
		Brakes	✓	✓	✓	✓		
		Instrument panel	✓	✓	✓	✓		
	DETROIT ENGINE		✓	✓	✓	✓	<ul style="list-style-type: none"> <li>1. Cylinder Cutout(Manual)</li> <li>2. Activate Outputs</li> <li>3. Intake throttle Valve</li> <li>4. ATD Maximum Sensor Value Reset</li> <li>5. ATD Test Pipe</li> <li>6. EGR Delta Pressure</li> </ul>	
	WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed
		WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
WABCO ABS FRAME(12V)		✓	✓	✓	✓	✓	1. Reset Memorized	
WABCO ABS CAB(12V)		✓	✓	✓	✓	✓	1. Reset Memorized	
WABCO ABS BASIC(12V)		✓	✓	✓	✓	✓	1. Reset Memorized	
BENDIX ABS EC-60		✓	✓	✓	✓	✓	<ul style="list-style-type: none"> <li>1. Reset Memorized</li> <li>2. calibrate ESP sensors</li> <li>3. controller configuration</li> </ul>	
SAE J1939	Engine	✓	✓	✓	✓			
	Aftertreatment diagnostics	✓	✓	✓	✓			
	Transmission	✓	✓	✓				
	Brakes	✓	✓	✓				
	Instrument panel	✓	✓	✓				
	Body controller	✓	✓	✓				
	Chassis controller	✓	✓	✓				
	Engine	✓	✓	✓	✓			

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SAE J1708	Transmission	✓	✓	✓	✓		
	Brakes	✓	✓	✓	✓		
	Instrument panel	✓	✓	✓	✓		
DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed procedure
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	1. Reset Memorized	
BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration
SAE J1939	Engine	✓	✓	✓	✓		
	Aftertreatment diagnostics	✓	✓	✓	✓		
	Transmission	✓	✓	✓			
	Brakes	✓	✓	✓			
	Instrument panel	✓	✓	✓			
	Body controller	✓	✓	✓			
SAE J1708	Chassis controller	✓	✓	✓			
	Engine	✓	✓	✓	✓		
	Transmission	✓	✓	✓	✓		
	Brakes	✓	✓	✓	✓		
	Instrument panel	✓	✓	✓	✓		

M2\_106

DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset Aftertreatment 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed procedure
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	1. Reset Memorized	
BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration

M2\_112

SAE J1939	Engine	✓	✓	✓	✓		
	Aftertreatment diagnostics	✓	✓	✓	✓		
	Transmission	✓	✓	✓			
	Brakes	✓	✓	✓			
	Instrument panel	✓	✓	✓			
	Body controller	✓	✓	✓			
	Chassis controller	✓	✓	✓			
SAE J1708	Engine	✓	✓	✓	✓		
	Transmission	✓	✓	✓	✓		
	Brakes	✓	✓	✓	✓		
	Instrument panel	✓	✓	✓	✓		
DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset Aftertreatment 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized

SD\_108

WABCO ABS	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed procedure
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration
SAE J1939	Engine	✓	✓	✓	✓		
	Aftertreatment diagnostics	✓	✓	✓	✓		
	Transmission	✓	✓	✓			
	Brakes	✓	✓	✓			
	Instrument panel	✓	✓	✓			
	Body controller	✓	✓	✓			
	Chassis controller	✓	✓	✓			
SAE J1708	Engine	✓	✓	✓	✓		
	Transmission	✓	✓	✓	✓		
	Brakes	✓	✓	✓	✓		
	Instrument panel	✓	✓	✓	✓		
DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset Aftertreatment 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed procedure
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	1. Reset Memorized

	BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration
SD_114	SAE J1939	Engine	✓	✓	✓	✓		
		Aftertreatment diagnostics	✓	✓	✓	✓		
		Transmission	✓	✓	✓			
		Brakes	✓	✓	✓			
		Instrument panel	✓	✓	✓			
		Body controller	✓	✓	✓			
		Chassis controller	✓	✓	✓			
	SAE J1708	Engine	✓	✓	✓	✓		
		Transmission	✓	✓	✓	✓		
		Brakes	✓	✓	✓	✓		
		Instrument panel	✓	✓	✓	✓		
	DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset Aftertreatment 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
	WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. End of line bleed procedure
		WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
		WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
WABCO ABS CAB(12V)		✓	✓	✓	✓	✓	1. Reset Memorized	
WABCO ABS BASIC(12V)		✓	✓	✓	✓	✓	1. Reset Memorized	
BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration	
SAE J1939	Engine	✓	✓	✓	✓			
	Aftertreatment diagnostics	✓	✓	✓	✓			
	Transmission	✓	✓	✓				
	Brakes	✓	✓	✓				
	Instrument panel	✓	✓	✓				
	Body controller	✓	✓	✓				

SD\_112

	Chassis controller	✓	✓	✓			
SAE J1708	Engine	✓	✓	✓	✓		
	Transmission	✓	✓	✓	✓		
	Brakes	✓	✓	✓	✓		
	Instrument panel	✓	✓	✓	✓		
DETROIT ENGINE		✓	✓	✓	✓		1. Cylinder Cutout(Manual) 2. Activate Outputs 3. Intake throttle Valve 4. ATD Maximum Sensor Value Reset Aftertreatment 5. ATD Test Pipe 6. EGR Delta Pressure Sensor Recalibration
WABCO ABS	WABCO ABS Automatic	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	1. Reset Memorized 2. Eni of line bleed procedure
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	1. Reset Memorized
BENDIX ABS EC-60		✓	✓	✓	✓	✓	1. Reset Memorized 2. calibrate ESP sensors 3. controller configuration

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

Note:The final interpretation of the products belongs to LAUNCH TECH CO.,LTD.