

LAUNCH	HD_WESTERN_STAR V10.05 Diagnostics List		(Note:For reference only)								
VEHICLE	CONNECT TYPE / SYSTEM / SUB. SYS.		INFO	RDTC	CDTC	DS	ATC	SPEC. F UNC	OTH ER		
Western Star	CONSTRUCTION	4700	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
			Vehicle Body Controller	✓	✓	✓					
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
				Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
			ABS_WABCO	Instrument panel		✓	✓	✓			
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	
		WABCO ABS BASIC(12V)		✓	✓	✓	✓	✓	✓		
		ABS_BENDIX		BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	
		4800	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
			Vehicle Body Controller	✓	✓	✓					
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
				Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
			ABS_WABCO	Instrument panel		✓	✓	✓			
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	
		WABCO ABS BASIC(12V)		✓	✓	✓	✓	✓	✓		
		ABS_BENDIX		BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	
		4900	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
			Vehicle Body Controller	✓	✓	✓					
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
				Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
			ABS_WABCO	Instrument panel		✓	✓	✓			
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	
		WABCO ABS BASIC(12V)		✓	✓	✓	✓	✓	✓		
		ABS_BENDIX		BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	
		SAE J1939	Engine	✓	✓	✓	✓				
			Aftertreatment Diagnostics	✓	✓	✓	✓				
			Transmission	✓	✓	✓					
			Brakes	✓	✓	✓					
			Vehicle Body Controller	✓	✓	✓					

				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓		
			ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
Western Star	MINING	4800	SAE J1939	Engine	✓	✓	✓	✓				
				Aftertreatment Diagnostics	✓	✓	✓	✓				
				Transmission	✓	✓	✓					
				Brakes	✓	✓	✓					
				Instrument panel	✓	✓	✓					
				Vehicle Body Controller	✓	✓	✓					
				Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓				
				Transmission		✓	✓	✓				
				Brakes		✓	✓	✓				
			ABS_WABCO	Instrument panel		✓	✓	✓				
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓		
			ABS_BENDIX	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓		
				BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
			4900	SAE J1939	Engine	✓	✓	✓	✓			
					Aftertreatment Diagnostics	✓	✓	✓	✓			
					Transmission	✓	✓	✓				
					Brakes	✓	✓	✓				
					Instrument panel	✓	✓	✓				
					Vehicle Body Controller	✓	✓	✓				
		Chassis Controller			✓	✓	✓					
		SAE J1708		Engine	✓	✓	✓	✓				
				Transmission		✓	✓	✓				
				Brakes		✓	✓	✓				
		ABS_WABCO		Instrument panel		✓	✓	✓				
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓		
		ABS_BENDIX		WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓		
				BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
		6900		SAE J1939	Engine	✓	✓	✓	✓			
					Aftertreatment Diagnostics	✓	✓	✓	✓			
					Transmission	✓	✓	✓				
					Brakes	✓	✓	✓				
					Instrument panel	✓	✓	✓				
					Vehicle Body Controller	✓	✓	✓				
			Chassis Controller		✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓				
				Transmission		✓	✓	✓				
				Brakes		✓	✓	✓				
			ABS_WABCO	Instrument panel		✓	✓	✓				
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓		
			ABS_BENDIX	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓		
				BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
				SAE J1939	Engine	✓	✓	✓	✓			
					Aftertreatment Diagnostics	✓	✓	✓	✓			
					Transmission	✓	✓	✓				
					Brakes	✓	✓	✓				
					Instrument panel	✓	✓	✓				
					Vehicle Body Controller	✓	✓	✓				
		Chassis Controller			✓	✓	✓					
				Engine	✓	✓	✓	✓				

Western Star	OIL & GAS	4800	SAE J1708	Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
				Instrument panel		✓	✓	✓			
			ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	
		WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓			
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
		4900	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
				Vehicle Body Controller	✓	✓	✓				
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
				Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
			ABS_WABCO	Instrument panel		✓	✓	✓			
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
			WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓		
			WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓		
			ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	
6900	SAE J1939		Engine	✓	✓	✓	✓				
			Aftertreatment Diagnostics	✓	✓	✓	✓				
		Transmission	✓	✓	✓						
		Brakes	✓	✓	✓						
		Instrument panel	✓	✓	✓						
		Vehicle Body Controller	✓	✓	✓						
	Chassis Controller	✓	✓	✓							
	SAE J1708	Engine	✓	✓	✓	✓					
		Transmission		✓	✓	✓					
		Brakes		✓	✓	✓					
	ABS_WABCO	Instrument panel		✓	✓	✓					
		WABCO ABS Automatic	✓	✓	✓	✓	✓	✓			
		WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓			
	WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓				
	ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓			
	4700	SAE J1939	Engine	✓	✓	✓	✓				
			Aftertreatment Diagnostics	✓	✓	✓	✓				
Transmission			✓	✓	✓						
Brakes			✓	✓	✓						
Instrument panel			✓	✓	✓						
Vehicle Body Controller			✓	✓	✓						
Chassis Controller		✓	✓	✓							
SAE J1708		Engine	✓	✓	✓	✓					
		Transmission		✓	✓	✓					
		Brakes		✓	✓	✓					
ABS_WABCO		Instrument panel		✓	✓	✓					
		WABCO ABS Automatic	✓	✓	✓	✓	✓	✓			
		WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓			
		WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓			
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓				
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓					

Western Star	TOWING & RECOVERY	4800	ABS_BENDIX	WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓	✓					
				BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓				
		SAE J1939	Engine	✓	✓	✓	✓									
			Aftertreatment Diagnostics	✓	✓	✓	✓									
			Transmission	✓	✓	✓										
			Brakes	✓	✓	✓										
			Instrument panel	✓	✓	✓										
			Vehicle Body Controller	✓	✓	✓										
			Chassis Controller	✓	✓	✓										
			SAE J1708	Engine	✓	✓	✓	✓								
				Transmission			✓	✓	✓							
				Brakes			✓	✓	✓							
				Instrument panel			✓	✓	✓							
			ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		WABCO ABS FRAME (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS BASIC (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓	✓				
		4900	Engine	✓	✓	✓	✓									
			Aftertreatment Diagnostics	✓	✓	✓	✓									
			Transmission	✓	✓	✓										
			Brakes	✓	✓	✓										
			Instrument panel	✓	✓	✓										
			Vehicle Body Controller	✓	✓	✓										
			Chassis Controller	✓	✓	✓										
			SAE J1708	Engine	✓	✓	✓	✓								
				Transmission			✓	✓	✓							
				Brakes			✓	✓	✓							
				Instrument panel			✓	✓	✓							
			ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		WABCO ABS FRAME (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS BASIC (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓	✓				
		6900	Engine	✓	✓	✓	✓									
			Aftertreatment Diagnostics	✓	✓	✓	✓									
			Transmission	✓	✓	✓										
			Brakes	✓	✓	✓										
			Instrument panel	✓	✓	✓										
			Vehicle Body Controller	✓	✓	✓										
			Chassis Controller	✓	✓	✓										
			SAE J1708	Engine	✓	✓	✓	✓								
				Transmission			✓	✓	✓							
				Brakes			✓	✓	✓							
				Instrument panel			✓	✓	✓							
			ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS (12V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC (24V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		WABCO ABS FRAME (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS BASIC (12V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓	✓				
		SAE J1939	Engine	✓	✓	✓	✓									
			Aftertreatment Diagnostics	✓	✓	✓	✓									
			Transmission	✓	✓	✓										
			Brakes	✓	✓	✓										
			Instrument panel	✓	✓	✓										
			Vehicle Body Controller	✓	✓	✓										
			Chassis Controller	✓	✓	✓										
			SAE J1708	Engine	✓	✓	✓	✓								
				Transmission			✓	✓	✓							
				Brakes			✓	✓	✓							
				Instrument panel			✓	✓	✓							

Western Star	MUNICIPAL	4700	ABS_WABCO	Instrument panel		✓	✓	✓			
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	
		WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓			
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓		
		4800	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
				Vehicle Body Controller	✓	✓	✓				
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
Transmission				✓	✓	✓					
Brakes				✓	✓	✓					
Instrument panel		✓		✓	✓						
ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓				
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓					
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓					
ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓				
4900	SAE J1939	Engine	✓	✓	✓	✓					
		Aftertreatment Diagnostics	✓	✓	✓	✓					
		Transmission	✓	✓	✓						
		Brakes	✓	✓	✓						
		Instrument panel	✓	✓	✓						
		Vehicle Body Controller	✓	✓	✓						
	Chassis Controller	✓	✓	✓							
	SAE J1708	Engine	✓	✓	✓	✓					
		Transmission		✓	✓	✓					
		Brakes		✓	✓	✓					
Instrument panel			✓	✓	✓						
ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓				
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓					
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓					
ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓				
Western Star	LONG HAUL	4900	SAE J1939	Engine	✓	✓	✓	✓			
				Aftertreatment Diagnostics	✓	✓	✓	✓			
				Transmission	✓	✓	✓				
				Brakes	✓	✓	✓				
				Instrument panel	✓	✓	✓				
				Vehicle Body Controller	✓	✓	✓				
			Chassis Controller	✓	✓	✓					
			SAE J1708	Engine	✓	✓	✓	✓			
				Transmission		✓	✓	✓			
				Brakes		✓	✓	✓			
Instrument panel		✓		✓	✓						
ABS_WABCO	WABCO ABS Automatic	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓				
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓					
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓					
ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓				

Western Star	HEAVY HAUL	4900	ABS_WABCO	WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	✓			
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	✓			
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	✓	✓		
		WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓	✓	✓				
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓			
		4900	SAE J1939	Engine	✓	✓	✓	✓						
				Aftertreatment Diagnostics	✓	✓	✓	✓						
				Transmission	✓	✓	✓							
				Brakes	✓	✓	✓							
				Instrument panel	✓	✓	✓							
				Vehicle Body Controller	✓	✓	✓							
			SAE J1708	Chassis Controller	✓	✓	✓							
				Engine	✓	✓	✓	✓						
				Transmission		✓	✓	✓						
			ABS_WABCO	Brakes		✓	✓	✓						
				Instrument panel		✓	✓	✓						
				WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
				WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	✓	✓		
		WABCO ABS BASIC(24V)		✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS FRAME(12V)		✓	✓	✓	✓	✓	✓	✓	✓			
		WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	✓	✓				
		WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓	✓	✓				
		ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓			
		6900	SAE J1939	Engine	✓	✓	✓	✓						
Aftertreatment Diagnostics	✓			✓	✓	✓								
Transmission	✓			✓	✓									
Brakes	✓			✓	✓									
Instrument panel	✓			✓	✓									
Vehicle Body Controller	✓			✓	✓									
SAE J1708	Chassis Controller		✓	✓	✓									
	Engine		✓	✓	✓	✓								
	Transmission			✓	✓	✓								
ABS_WABCO	Brakes			✓	✓	✓								
	Instrument panel			✓	✓	✓								
	WABCO ABS Automatic		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(24V)		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS HPB(12V)		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS HABS(12V)		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS FRAME(24V)		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS CAB(24V)		✓	✓	✓	✓	✓	✓	✓	✓				
	WABCO ABS BASIC(24V)	✓	✓	✓	✓	✓	✓	✓	✓					
	WABCO ABS FRAME(12V)	✓	✓	✓	✓	✓	✓	✓	✓					
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	✓	✓						
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓	✓	✓						
ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓					
Western Star	SPECIAL CONFIGS	4900	SAE J1939	Engine	✓	✓	✓	✓						
				Aftertreatment Diagnostics	✓	✓	✓	✓						
				Transmission	✓	✓	✓							
				Brakes	✓	✓	✓							
				Instrument panel	✓	✓	✓							
				Vehicle Body Controller	✓	✓	✓							
			SAE J1708	Chassis Controller	✓	✓	✓							
				Engine	✓	✓	✓	✓						
		Transmission			✓	✓	✓							
		ABS_WABCO	Brakes		✓	✓	✓							
			Instrument panel		✓	✓	✓							
			WABCO ABS Automatic	✓	✓	✓	✓	✓	✓	✓	✓			
			WABCO ABS HPB(24V)	✓	✓	✓	✓	✓	✓	✓	✓			
			WABCO ABS HPB(12V)	✓	✓	✓	✓	✓	✓	✓	✓			
			WABCO ABS HABS(12V)	✓	✓	✓	✓	✓	✓	✓	✓			
			WABCO ABS FRAME(24V)	✓	✓	✓	✓	✓	✓	✓	✓			
			WABCO ABS CAB(24V)	✓	✓	✓	✓	✓	✓	✓	✓			
WABCO ABS BASIC(24V)	✓		✓	✓	✓	✓	✓	✓	✓					
WABCO ABS FRAME(12V)	✓		✓	✓	✓	✓	✓	✓	✓					
WABCO ABS CAB(12V)	✓	✓	✓	✓	✓	✓	✓	✓						
WABCO ABS BASIC(12V)	✓	✓	✓	✓	✓	✓	✓	✓						
ABS_BENDIX	BENDIX ABS EC-60	✓	✓	✓	✓	✓	✓	✓	✓					

(*) : Tested;
 (9) : Manual on website (www.v431.com)

(?) manual on website (www.xtcl.com)

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