

# HINO V14.2 Function list

Note:

√ Functions marked with √ is fully supported and already existed in former software version.

Number Index number of the special function , you can find the name from the special function table.

Model	Region	System	ECU Info.	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
700 Series	Global	Engine		√	√	√	√	√
700 Series	Global	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Global	Engine		√	√	√	√	√
700 Series	Global	Engine		√	√	√		
700 Series	Global	Engine		√	√	√	√	0036, 0143
700 Series	Global	Engine	√	√	√	√	√	0032, 0200
700 Series	Global	Brake(WABCO ABS)		√	√	√	√	
700 Series	Global	Brake(WABCO ABS)		√	√	√		
700 Series	Global	Brake(WABCO ABS)	√					
700 Series	Global	Brake(WABCO ABS)						
700 Series	Global	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Global	Brake(WABCO EBS)		√	√	√	√	
700 Series	Global	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Global	Brake(WABCO EBS)		√	√	√		
700 Series	Global	Brake(WABCO EBS)	√					
700 Series	Global	Brake(WABCO EBS)		√	√	√		
700 Series	Global	DCU (Urea SCR)		√	√	√		
700 Series	Global	DCU (Urea SCR)		√	√	√	√	
700 Series	Global	SCR(CAN_500K China)	√	√	√	√	√	0175
700 Series	Global	Immobilizer		√	√	√		
700 Series	Global	Meter		√	√	√		0006, 0007, 0010, 0011, 0014, 0015, 0017, 0018, 0019, 0020, 0030, 0031, 0037, 0038, 0045, 0046, 0047, 0053, 0054, 0117, 0118, 0129, 0164, 0167, 0178, 0197, 0198, 0201, 0202, 0205, 0206, 0220, 0226, 0227, 0228, 0229, 0230, 0231, 0240
700 Series	Global	Scanning cruise/LDWS/PCS		√	√	√	√	
700 Series	Global	SRS (Airbag)		√	√	√		
700 Series	Global	SRS (Airbag)		√	√			
700 Series	Global	SRS (Airbag)		√	√		√	
700 Series	Global	Suspension	√	√	√	√	√	

700 Series	Global	Suspension		√	√	√	√	
700 Series	Global	Suspension		√	√	√		
700 Series	Global	Tire pressure monitoring system		√	√	√		
700 Series	Global	Transmission		√	√	√	√	
700 Series	Global	Transmission		√	√	√		
700 Series	Global	Transmission (ASTRONIC)		√	√	√	√	
700 Series	Global	Transmission (ASTRONIC)		√	√	√		
700 Series	Global	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
700 Series	Euro 5	Engine		√	√	√	√	√
700 Series	Euro 5	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Euro 5	Engine		√	√	√	√	√
700 Series	Euro 5	Engine		√	√	√		
700 Series	Euro 5	Engine		√	√	√	√	0036, 0143
700 Series	Euro 5	Engine	√	√	√	√	√	0032, 0200
700 Series	Euro 5	Brake(WABCO ABS)		√	√	√	√	
700 Series	Euro 5	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Euro 5	Brake(WABCO ABS)		√	√	√		
700 Series	Euro 5	Brake(WABCO ABS)	√					
700 Series	Euro 5	Brake(WABCO ABS)						
700 Series	Euro 5	Brake(WABCO EBS)		√	√	√	√	
700 Series	Euro 5	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Euro 5	Brake(WABCO EBS)		√	√	√		
700 Series	Euro 5	Brake(WABCO EBS)	√					
700 Series	Euro 5	Brake(WABCO EBS)						
700 Series	Euro 5	DCU (Urea SCR)		√	√	√		
700 Series	Euro 5	DCU (Urea SCR)		√	√	√	√	
700 Series	Euro 5	SCR(CAN_500K China)	√	√	√	√	√	0175
700 Series	Euro 5	SRS (Airbag)		√	√	√		
700 Series	Euro 5	SRS (Airbag)		√	√			
700 Series	Euro 5	SRS (Airbag)		√	√		√	
700 Series	Euro 5	Suspension	√	√	√	√	√	
700 Series	Euro 5	Suspension		√	√	√	√	
700 Series	Euro 5	Suspension		√	√	√		
700 Series	Euro 5	Transmission (ASTRONIC)		√	√	√	√	
700 Series	Euro 5	Transmission (ASTRONIC)		√	√	√		

700 Series	Euro 5	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
700 Series	Japan LDG/LKG/QKG/QDG	Engine		√	√	√	√	√
700 Series	Japan LDG/LKG/QKG/QDG	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Japan LDG/LKG/QKG/QDG	Engine		√	√	√	√	√
700 Series	Japan LDG/LKG/QKG/QDG	Engine		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Engine		√	√	√	√	0036, 0143
700 Series	Japan LDG/LKG/QKG/QDG	Engine	√	√	√	√	√	0032, 0200
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO ABS)		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO ABS)		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO ABS)	√					
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO ABS)						
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO EBS)		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO EBS)		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO EBS)	√					
700 Series	Japan LDG/LKG/QKG/QDG	Brake(WABCO EBS)						
700 Series	Japan LDG/LKG/QKG/QDG	DCU (Urea SCR)		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	DCU (Urea SCR)		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	SCR(CAN_500K China)	√	√	√	√	√	0175
700 Series	Japan LDG/LKG/QKG/QDG	Immobilizer		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Meter		√	√	√		0006, 0007, 0010, 0011, 0014, 0015, 0017, 0018, 0019, 0020, 0030, 0031, 0037, 0038, 0045, 0046, 0047, 0053, 0054, 0117, 0118, 0129, 0164, 0167, 0178, 0197, 0198, 0201, 0202, 0205, 0206, 0220, 0226, 0227, 0228, 0229, 0230, 0231, 0240
700 Series	Japan LDG/LKG/QKG/QDG	Scanning cruise/LDWS/PCS		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	SRS (Airbag)		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	SRS (Airbag)		√	√			
700 Series	Japan LDG/LKG/QKG/QDG	SRS (Airbag)		√	√		√	
700 Series	Japan LDG/LKG/QKG/QDG	Suspension	√	√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Suspension		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Suspension		√	√	√		

700 Series	Japan LDG/LKG/QKG/QDG	Tire pressure monitoring system		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Transmission		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Transmission		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	Transmission (ASTRONIC)		√	√	√	√	
700 Series	Japan LDG/LKG/QKG/QDG	Transmission (ASTRONIC)		√	√	√		
700 Series	Japan LDG/LKG/QKG/QDG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
700 Series	Japan BDG/BKG	Engine		√	√	√	√	√
700 Series	Japan BDG/BKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Japan BDG/BKG	Engine		√	√	√	√	√
700 Series	Japan BDG/BKG	Engine		√	√	√		
700 Series	Japan BDG/BKG	Engine		√	√	√	√	0036, 0143
700 Series	Japan BDG/BKG	Engine	√	√	√	√	√	0032, 0200
700 Series	Japan BDG/BKG	Brake(WABCO ABS)		√	√	√	√	
700 Series	Japan BDG/BKG	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Japan BDG/BKG	Brake(WABCO ABS)		√	√	√		
700 Series	Japan BDG/BKG	Brake(WABCO ABS)	√					
700 Series	Japan BDG/BKG	Brake(WABCO ABS)						
700 Series	Japan BDG/BKG	Brake(WABCO EBS)		√	√	√	√	
700 Series	Japan BDG/BKG	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Japan BDG/BKG	Brake(WABCO EBS)		√	√	√		
700 Series	Japan BDG/BKG	Brake(WABCO EBS)	√					
700 Series	Japan BDG/BKG	Brake(WABCO EBS)						
700 Series	Japan BDG/BKG	Idling stop system		√	√	√	√	
700 Series	Japan BDG/BKG	Scanning cruise/LDWS/PCS		√	√	√	√	
700 Series	Japan BDG/BKG	SRS (Airbag)		√	√	√		
700 Series	Japan BDG/BKG	SRS (Airbag)		√	√			
700 Series	Japan BDG/BKG	SRS (Airbag)		√	√		√	
700 Series	Japan BDG/BKG	Suspension	√	√	√	√	√	
700 Series	Japan BDG/BKG	Suspension		√	√	√	√	
700 Series	Japan BDG/BKG	Suspension		√	√	√		
700 Series	Japan BDG/BKG	Tire pressure monitoring system		√	√	√		
700 Series	Japan BDG/BKG	Transmission		√	√	√	√	
700 Series	Japan BDG/BKG	Transmission		√	√	√		
700 Series	Japan BDG/BKG	Transmission (ASTRONIC)		√	√	√	√	
700 Series	Japan BDG/BKG	Transmission (ASTRONIC)		√	√	√		

700 Series	Japan BDG/BKG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
700 Series	Japan ADG	Engine		√	√	√	√	√
700 Series	Japan ADG	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Japan ADG	Engine		√	√	√	√	√
700 Series	Japan ADG	Engine		√	√	√		
700 Series	Japan ADG	Engine		√	√	√	√	0036, 0143
700 Series	Japan ADG	Engine	√	√	√	√	√	0032, 0200
700 Series	Japan ADG	Brake(WABCO ABS)		√	√	√	√	
700 Series	Japan ADG	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Japan ADG	Brake(WABCO ABS)		√	√	√		
700 Series	Japan ADG	Brake(WABCO ABS)	√					
700 Series	Japan ADG	Brake(WABCO ABS)						
700 Series	Japan ADG	Brake(WABCO EBS)		√	√	√	√	
700 Series	Japan ADG	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Japan ADG	Brake(WABCO EBS)		√	√	√		
700 Series	Japan ADG	Brake(WABCO EBS)	√					
700 Series	Japan ADG	Brake(WABCO EBS)						
700 Series	Japan ADG	Idling stop system		√	√	√	√	
700 Series	Japan ADG	Scaning cruise/LDWS/PCS		√	√	√	√	
700 Series	Japan ADG	SRS (Airbag)		√	√	√		
700 Series	Japan ADG	SRS (Airbag)		√	√			
700 Series	Japan ADG	SRS (Airbag)		√	√		√	
700 Series	Japan ADG	Suspension	√	√	√	√	√	
700 Series	Japan ADG	Suspension		√	√	√	√	
700 Series	Japan ADG	Suspension		√	√	√		
700 Series	Japan ADG	Tire pressure monitoring system		√	√	√		
700 Series	Japan ADG	Transmission		√	√	√	√	
700 Series	Japan ADG	Transmission		√	√	√		
700 Series	Japan PK/KS	Engine		√	√	√	√	√
700 Series	Japan PK/KS	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Japan PK/KS	Engine		√	√	√	√	√
700 Series	Japan PK/KS	Engine		√	√	√		
700 Series	Japan PK/KS	Engine		√	√	√	√	0036, 0143
700 Series	Japan PK/KS	Engine	√	√	√	√	√	0032, 0200
700 Series	Japan PK/KS	Brake(WABCO ABS)		√	√	√	√	

700 Series	Japan PK/KS	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Japan PK/KS	Brake(WABCO ABS)		√	√	√		
700 Series	Japan PK/KS	Brake(WABCO ABS)	√					
700 Series	Japan PK/KS	Brake(WABCO ABS)						
700 Series	Japan PK/KS	Brake(WABCO EBS)		√	√	√	√	
700 Series	Japan PK/KS	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Japan PK/KS	Brake(WABCO EBS)		√	√	√		
700 Series	Japan PK/KS	Brake(WABCO EBS)	√					
700 Series	Japan PK/KS	Brake(WABCO EBS)						
700 Series	Japan PK/KS	Scanning cruise/LDWS/PCS		√	√	√	√	
700 Series	Japan PK/KS	SRS (Airbag)		√	√	√		
700 Series	Japan PK/KS	SRS (Airbag)		√	√			
700 Series	Japan PK/KS	SRS (Airbag)		√	√		√	
700 Series	Japan PK/KS	Suspension	√	√	√	√	√	
700 Series	Japan PK/KS	Suspension		√	√	√	√	
700 Series	Japan PK/KS	Suspension		√	√	√		
700 Series	Japan PK/KS	Tire pressure monitoring system		√	√	√		
700 Series	Japan PK/KS	Transmission		√	√	√	√	
700 Series	Japan PK/KS	Transmission		√	√	√		
700 Series	Japan KL	Engine		√	√	√	√	√
700 Series	Japan KL	Engine		√	√	√	√	0028, 0180, 0199, 0238
700 Series	Japan KL	Engine		√	√	√	√	√
700 Series	Japan KL	Engine		√	√	√		
700 Series	Japan KL	Engine		√	√	√	√	0036, 0143
700 Series	Japan KL	Engine	√	√	√	√	√	0032, 0200
700 Series	Japan KL	Brake(WABCO ABS)		√	√	√	√	
700 Series	Japan KL	Brake(WABCO ABS)	√	√	√	√	√	
700 Series	Japan KL	Brake(WABCO ABS)		√	√	√		
700 Series	Japan KL	Brake(WABCO ABS)	√					
700 Series	Japan KL	Brake(WABCO ABS)						
700 Series	Japan KL	Brake(WABCO EBS)		√	√	√	√	
700 Series	Japan KL	Brake(WABCO EBS)	√	√	√	√	√	
700 Series	Japan KL	Brake(WABCO EBS)		√	√	√		
700 Series	Japan KL	Brake(WABCO EBS)	√					
700 Series	Japan KL	Brake(WABCO EBS)						
700 Series	Japan KL	Transmission		√	√	√	√	
700 Series	Japan KL	Transmission		√	√	√		
600 Series	North America	Engine		√	√	√	√	√
600 Series	North America	Engine		√	√	√	√	0028, 0180, 0199, 0238
600 Series	North America	Engine		√	√	√	√	√
600 Series	North America	Engine		√	√	√		
600 Series	North America	Engine		√	√	√	√	0036, 0143

600 Series	North America	Engine	√	√	√	√	√	0032, 0200
600 Series	North America	BCU (Burner)		√	√	√		
600 Series	North America	BCU (Burner)		√	√	√	√	
600 Series	North America	DCU (Urea SCR)		√	√	√		
600 Series	North America	DCU (Urea SCR)		√	√	√	√	
600 Series	North America	Meter		√	√	√		0006, 0007, 0010, 0011, 0014, 0015, 0017, 0018, 0019, 0020, 0030, 0031, 0037, 0038, 0045, 0046, 0047, 0053, 0054, 0117, 0118, 0129, 0164, 0167, 0178, 0197, 0198, 0201, 0202, 0205, 0206, 0220, 0226, 0227, 0228, 0229, 0230, 0231, 0240
600 Series	North America	Transmission		√	√	√	√	
600 Series	North America	Transmission		√	√	√		
600 Series	North America	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
500 Series	Global	Engine		√	√	√	√	√
500 Series	Global	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Global	Engine		√	√	√	√	√
500 Series	Global	Engine		√	√	√		
500 Series	Global	Engine		√	√	√	√	0036, 0143
500 Series	Global	Engine	√	√	√	√	√	0032, 0200
500 Series	Global	Brake(WABCO ABS)		√	√	√	√	
500 Series	Global	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Global	Brake(WABCO ABS)		√	√	√		
500 Series	Global	Brake(WABCO ABS)	√					
500 Series	Global	Brake(WABCO ABS)						
500 Series	Global	Brake(WABCO EBS)		√	√	√	√	
500 Series	Global	Brake(WABCO EBS)	√	√	√	√	√	
500 Series	Global	Brake(WABCO EBS)		√	√	√		
500 Series	Global	Brake(WABCO EBS)	√					
500 Series	Global	Brake(WABCO EBS)						
500 Series	Global	Battery		√	√	√		
500 Series	Global	Headlight Autoleveling		√	√	√	√	
500 Series	Global	Hybrid		√	√	√	√	
500 Series	Global	Immobilizer		√	√	√		

500 Series	Global	Inverter		√	√	√		
500 Series	Global	Scaning cruise/LDWS/PCS		√	√	√	√	
500 Series	Global	SRS (Airbag)		√	√	√		
500 Series	Global	SRS (Airbag)		√	√			
500 Series	Global	SRS (Airbag)		√	√		√	
500 Series	Global	Suspension	√	√	√	√	√	
500 Series	Global	Suspension		√	√	√	√	
500 Series	Global	Suspension		√	√	√		
500 Series	Global	Tire pressure monitoring system		√	√	√		
500 Series	Global	Transmission		√	√	√	√	
500 Series	Global	Transmission		√	√	√		
500 Series	Global	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
500 Series	THAI CNG	Engine		√	√	√	√	√
500 Series	THAI CNG	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	THAI CNG	Engine		√	√	√	√	√
500 Series	THAI CNG	Engine		√	√	√		
500 Series	THAI CNG	Engine		√	√	√	√	0036, 0143
500 Series	THAI CNG	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan	Engine		√	√	√	√	√
500 Series	Japan	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan	Engine		√	√	√	√	√
500 Series	Japan	Engine		√	√	√		
500 Series	Japan	Engine		√	√	√	√	0036, 0143
500 Series	Japan	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan	Brake(WABCO ABS)		√	√	√	√	
500 Series	Japan	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Japan	Brake(WABCO ABS)		√	√	√		
500 Series	Japan	Brake(WABCO ABS)	√					
500 Series	Japan	Brake(WABCO ABS)						
500 Series	Japan	Brake(WABCO EBS)		√	√	√	√	
500 Series	Japan	Brake(WABCO EBS)	√	√	√	√	√	
500 Series	Japan	Brake(WABCO EBS)		√	√	√		
500 Series	Japan	Brake(WABCO EBS)	√					
500 Series	Japan	Brake(WABCO EBS)						
500 Series	Japan	Battery		√	√	√		



500 Series	Japan	Headlight Autoleveling		√	√	√	√	
500 Series	Japan	Hybrid		√	√	√	√	
500 Series	Japan	Immobilizer		√	√	√		
500 Series	Japan	Inverter		√	√	√		
500 Series	Japan	Scaning cruise/LDWS/PCS		√	√	√	√	
500 Series	Japan	SRS (Airbag)		√	√	√		
500 Series	Japan	SRS (Airbag)		√	√			
500 Series	Japan	SRS (Airbag)		√	√		√	
500 Series	Japan	Suspension	√	√	√	√	√	
500 Series	Japan	Suspension		√	√	√	√	
500 Series	Japan	Suspension		√	√	√		
500 Series	Japan	Tire pressure monitoring system		√	√	√		
500 Series	Japan	Transmission		√	√	√	√	
500 Series	Japan	Transmission		√	√	√		
500 Series	Japan LDG/LKG/SKG/SDG/SJG/TKG/TQG/QKG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
500 Series	Japan BJG	Engine		√	√	√	√	√
500 Series	Japan BJG	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan BJG	Engine		√	√	√	√	√
500 Series	Japan BJG	Engine		√	√	√		
500 Series	Japan BJG	Engine		√	√	√	√	0036, 0143
500 Series	Japan BJG	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan BJG	Brake(DENSO ABS)		√	√	√	√	
500 Series	Japan BJG	Brake(DENSO ABS)	√	√	√	√	√	
500 Series	Japan BJG	Brake(DENSO ABS)		√	√	√		
500 Series	Japan BJG	Brake(DENSO ABS)	√					
500 Series	Japan BJG	Brake(DENSO ABS)						
500 Series	Japan BJG	Battery		√	√	√		
500 Series	Japan BJG	Hybrid		√	√	√	√	
500 Series	Japan BJG	Immobilizer		√	√	√		
500 Series	Japan BJG	Inverter		√	√	√		
500 Series	Japan BJG	SRS (Airbag)		√	√	√		
500 Series	Japan BJG	SRS (Airbag)		√	√			
500 Series	Japan BJG	SRS (Airbag)		√	√		√	
500 Series	Japan BJG	Suspension	√	√	√	√	√	
500 Series	Japan BJG	Suspension		√	√	√	√	

500 Series	Japan BJG	Suspension		√	√	√		
500 Series	Japan BJG	Transmission		√	√	√	√	
500 Series	Japan BJG	Transmission		√	√	√		
500 Series	Japan BDG/BKG	Engine		√	√	√	√	√
500 Series	Japan BDG/BKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan BDG/BKG	Engine		√	√	√	√	√
500 Series	Japan BDG/BKG	Engine		√	√	√		
500 Series	Japan BDG/BKG	Engine		√	√	√	√	0036, 0143
500 Series	Japan BDG/BKG	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan BDG/BKG	Brake(DENSO ABS)		√	√	√	√	
500 Series	Japan BDG/BKG	Brake(DENSO ABS)	√	√	√	√	√	
500 Series	Japan BDG/BKG	Brake(DENSO ABS)		√	√	√		
500 Series	Japan BDG/BKG	Brake(DENSO ABS)	√					
500 Series	Japan BDG/BKG	Brake(DENSO ABS)						
500 Series	Japan BDG/BKG	Brake(WABCO ABS)		√	√	√	√	
500 Series	Japan BDG/BKG	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Japan BDG/BKG	Brake(WABCO ABS)		√	√	√		
500 Series	Japan BDG/BKG	Brake(WABCO ABS)	√					
500 Series	Japan BDG/BKG	Brake(WABCO ABS)						
500 Series	Japan BDG/BKG	Idling stop system		√	√	√	√	
500 Series	Japan BDG/BKG	Immobilizer		√	√	√		
500 Series	Japan BDG/BKG	Scaning cruise/LDWS/PCS		√	√	√	√	
500 Series	Japan BDG/BKG	SRS (Airbag)		√	√	√		
500 Series	Japan BDG/BKG	SRS (Airbag)		√	√			
500 Series	Japan BDG/BKG	SRS (Airbag)		√	√		√	
500 Series	Japan BDG/BKG	Suspension	√	√	√	√	√	
500 Series	Japan BDG/BKG	Suspension		√	√	√	√	
500 Series	Japan BDG/BKG	Suspension		√	√	√		
500 Series	Japan BDG/BKG	Transmission		√	√	√	√	
500 Series	Japan BDG/BKG	Transmission		√	√	√		
500 Series	Japan ADG	Engine		√	√	√	√	√
500 Series	Japan ADG	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan ADG	Engine		√	√	√	√	√
500 Series	Japan ADG	Engine		√	√	√		
500 Series	Japan ADG	Engine		√	√	√	√	0036, 0143
500 Series	Japan ADG	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan ADG	Brake(DENSO ABS)		√	√	√	√	
500 Series	Japan ADG	Brake(DENSO ABS)	√	√	√	√	√	
500 Series	Japan ADG	Brake(DENSO ABS)		√	√	√		
500 Series	Japan ADG	Brake(DENSO ABS)	√					
500 Series	Japan ADG	Brake(DENSO ABS)						
500 Series	Japan ADG	Brake(WABCO ABS)		√	√	√	√	

500 Series	Japan ADG	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Japan ADG	Brake(WABCO ABS)		√	√	√		
500 Series	Japan ADG	Brake(WABCO ABS)	√					
500 Series	Japan ADG	Brake(WABCO ABS)						
500 Series	Japan ADG	Idling stop system		√	√	√	√	
500 Series	Japan ADG	Scaning cruise/LDWS/PCS		√	√	√	√	
500 Series	Japan ADG	SRS (Airbag)		√	√	√		
500 Series	Japan ADG	SRS (Airbag)		√	√			
500 Series	Japan ADG	SRS (Airbag)		√	√		√	
500 Series	Japan ADG	Suspension	√	√	√	√	√	
500 Series	Japan ADG	Suspension		√	√	√	√	
500 Series	Japan ADG	Suspension		√	√	√		
500 Series	Japan ADG	Transmission		√	√	√	√	
500 Series	Japan ADG	Transmission		√	√	√		
500 Series	Japan PB/PK/KS/VF	Engine		√	√	√	√	√
500 Series	Japan PB/PK/KS/VF	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan PB/PK/KS/VF	Engine		√	√	√	√	√
500 Series	Japan PB/PK/KS/VF	Engine		√	√	√		
500 Series	Japan PB/PK/KS/VF	Engine		√	√	√	√	0036, 0143
500 Series	Japan PB/PK/KS/VF	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan PB/PK/KS/VF	Brake(DENSO ABS)		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Brake(DENSO ABS)	√	√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Brake(DENSO ABS)		√	√	√		
500 Series	Japan PB/PK/KS/VF	Brake(DENSO ABS)	√					
500 Series	Japan PB/PK/KS/VF	Brake(DENSO ABS)						
500 Series	Japan PB/PK/KS/VF	Brake(WABCO ABS)		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Brake(WABCO ABS)		√	√	√		
500 Series	Japan PB/PK/KS/VF	Brake(WABCO ABS)	√					
500 Series	Japan PB/PK/KS/VF	Brake(WABCO ABS)						
500 Series	Japan PB/PK/KS/VF	Idling stop system		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Scaning cruise/LDWS/PCS		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Suspension	√	√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Suspension		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Suspension		√	√	√		
500 Series	Japan PB/PK/KS/VF	Transmission		√	√	√	√	
500 Series	Japan PB/PK/KS/VF	Transmission		√	√	√		
500 Series	Japan KK	Engine		√	√	√	√	√
500 Series	Japan KK	Engine		√	√	√	√	0028, 0180, 0199, 0238
500 Series	Japan KK	Engine		√	√	√	√	√
500 Series	Japan KK	Engine		√	√	√		
500 Series	Japan KK	Engine		√	√	√	√	0036, 0143

500 Series	Japan KK	Engine	√	√	√	√	√	0032, 0200
500 Series	Japan KK	Brake(WABCO ABS)		√	√	√	√	
500 Series	Japan KK	Brake(WABCO ABS)	√	√	√	√	√	
500 Series	Japan KK	Brake(WABCO ABS)		√	√	√		
500 Series	Japan KK	Brake(WABCO ABS)	√					
500 Series	Japan KK	Brake(WABCO ABS)						
500 Series	Japan KK	Transmission		√	√	√	√	
500 Series	Japan KK	Transmission		√	√	√		
300 Series	Global	Engine		√	√	√	√	√
300 Series	Global	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Global	Engine		√	√	√	√	√
300 Series	Global	Engine		√	√	√		
300 Series	Global	Engine		√	√	√	√	0036, 0143
300 Series	Global	Engine	√	√	√	√	√	0032, 0200
300 Series	Global	Brake		√	√	√	√	
300 Series	Global	Brake	√	√	√	√	√	
300 Series	Global	Brake		√	√	√		
300 Series	Global	Brake	√					
300 Series	Global	Brake						
300 Series	Global	Brake(DENSO ABS)		√	√	√	√	
300 Series	Global	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	Global	Brake(DENSO ABS)		√	√	√		
300 Series	Global	Brake(DENSO ABS)	√					
300 Series	Global	Brake(DENSO ABS)						
300 Series	Global	Battery		√	√	√		
300 Series	Global	Clutch		√	√	√	√	
300 Series	Global	Headlight Autoleveling		√	√	√	√	
300 Series	Global	Hybrid		√	√	√	√	
300 Series	Global	Immobilizer		√	√	√		
300 Series	Global	Inverter		√	√	√		
300 Series	Global	SRS (Airbag)		√	√	√		
300 Series	Global	SRS (Airbag)		√	√			
300 Series	Global	SRS (Airbag)		√	√		√	
300 Series	Global	Transmission		√	√	√	√	
300 Series	Global	Transmission		√	√	√		

300 Series	Global	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
300 Series	North America	Engine		√	√	√	√	√
300 Series	North America	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	North America	Engine		√	√	√	√	√
300 Series	North America	Engine		√	√	√		
300 Series	North America	Engine		√	√	√	√	0036, 0143
300 Series	North America	Engine	√	√	√	√	√	0032, 0200
300 Series	North America	Brake		√	√	√	√	
300 Series	North America	Brake	√	√	√	√	√	
300 Series	North America	Brake		√	√	√		
300 Series	North America	Brake	√					
300 Series	North America	Brake						
300 Series	North America	Brake(DENSO ABS)		√	√	√	√	
300 Series	North America	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	North America	Brake(DENSO ABS)		√	√	√		
300 Series	North America	Brake(DENSO ABS)	√					
300 Series	North America	Brake(DENSO ABS)						
300 Series	North America	Battery		√	√	√		
300 Series	North America	Clutch		√	√	√	√	
300 Series	North America	DCU (Urea SCR)		√	√	√		
300 Series	North America	DCU (Urea SCR)		√	√	√	√	
300 Series	North America	Hybrid		√	√	√	√	
300 Series	North America	Inverter		√	√	√		
300 Series	North America	Transmission		√	√	√	√	
300 Series	North America	Transmission		√	√	√		
300 Series	North America	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine		√	√	√	√	√

300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine		√	√	√	√	√
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine		√	√	√	√	0036, 0143
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Brake		√	√	√	√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Brake	√	√	√	√	√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Brake		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Brake	√					
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Brake						
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Battery		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Headlight Autoleveling		√	√	√	√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Hybrid		√	√	√	√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Immobilizer		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Inverter		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	SRS (Airbag)		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	SRS (Airbag)		√	√			
300 Series	Japan SJG/SKG/SDG/TQG/TKG	SRS (Airbag)		√	√		√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Transmission		√	√	√	√	
300 Series	Japan SJG/SKG/SDG/TQG/TKG	Transmission		√	√	√		
300 Series	Japan SJG/SKG/SDG/TQG/TKG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
300 Series	Japan BDG/BKG	Engine		√	√	√	√	√
300 Series	Japan BDG/BKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan BDG/BKG	Engine		√	√	√	√	√
300 Series	Japan BDG/BKG	Engine		√	√	√		
300 Series	Japan BDG/BKG	Engine		√	√	√	√	0036, 0143
300 Series	Japan BDG/BKG	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan BDG/BKG	Brake(DENSO ABS)		√	√	√	√	
300 Series	Japan BDG/BKG	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	Japan BDG/BKG	Brake(DENSO ABS)		√	√	√		
300 Series	Japan BDG/BKG	Brake(DENSO ABS)	√					
300 Series	Japan BDG/BKG	Brake(DENSO ABS)						
300 Series	Japan BDG/BKG	Idling stop system		√	√	√	√	
300 Series	Japan BDG/BKG	Immobilizer		√	√	√		
300 Series	Japan BDG/BKG	SRS (Airbag)		√	√	√		

300 Series	Japan BDG/BKG	SRS (Airbag)		√	√			
300 Series	Japan BDG/BKG	SRS (Airbag)		√	√		√	
300 Series	Japan BDG/BKG	SRS (Airbag) (OLD)		√	√	√		
300 Series	Japan BDG/BKG	SRS (Airbag) (OLD)		√	√			
300 Series	Japan BDG/BKG	SRS (Airbag) (OLD)		√	√		√	
300 Series	Japan BDG/BKG	Transmission		√	√	√	√	
300 Series	Japan BDG/BKG	Transmission		√	√	√		
300 Series	Japan ABG/NBG	Engine		√	√	√	√	√
300 Series	Japan ABG/NBG	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan ABG/NBG	Engine		√	√	√	√	√
300 Series	Japan ABG/NBG	Engine		√	√	√		
300 Series	Japan ABG/NBG	Engine		√	√	√	√	0036, 0143
300 Series	Japan ABG/NBG	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan ABG/NBG	Brake		√	√	√	√	
300 Series	Japan ABG/NBG	Brake	√	√	√	√	√	
300 Series	Japan ABG/NBG	Brake		√	√	√		
300 Series	Japan ABG/NBG	Brake	√					
300 Series	Japan ABG/NBG	Brake						
300 Series	Japan ABG/NBG	Brake(DENSO ABS)		√	√	√	√	
300 Series	Japan ABG/NBG	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	Japan ABG/NBG	Brake(DENSO ABS)		√	√	√		
300 Series	Japan ABG/NBG	Brake(DENSO ABS)	√					
300 Series	Japan ABG/NBG	Brake(DENSO ABS)						
300 Series	Japan ABG/NBG	Idling stop system		√	√	√	√	
300 Series	Japan ABG/NBG	Immobilizer		√	√	√		
300 Series	Japan ABG/NBG	SRS (Airbag)		√	√	√		
300 Series	Japan ABG/NBG	SRS (Airbag)		√	√			
300 Series	Japan ABG/NBG	SRS (Airbag)		√	√		√	
300 Series	Japan ABG/NBG	SRS (Airbag) (OLD)		√	√	√		
300 Series	Japan ABG/NBG	SRS (Airbag) (OLD)		√	√			
300 Series	Japan ABG/NBG	SRS (Airbag) (OLD)		√	√		√	
300 Series	Japan ABG/NBG	Transmission		√	√	√	√	
300 Series	Japan ABG/NBG	Transmission		√	√	√		
300 Series	Japan ABG/NBG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
300 Series	Japan BJG	Engine		√	√	√	√	√

300 Series	Japan BJG	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan BJG	Engine		√	√	√	√	√
300 Series	Japan BJG	Engine		√	√	√		
300 Series	Japan BJG	Engine		√	√	√	√	0036, 0143
300 Series	Japan BJG	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan BJG	Brake(DENSO ABS)		√	√	√	√	
300 Series	Japan BJG	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	Japan BJG	Brake(DENSO ABS)		√	√	√		
300 Series	Japan BJG	Brake(DENSO ABS)	√					
300 Series	Japan BJG	Brake(DENSO ABS)						
300 Series	Japan BJG	Battery		√	√	√		
300 Series	Japan BJG	Hybrid		√	√	√	√	
300 Series	Japan BJG	Immobilizer		√	√	√		
300 Series	Japan BJG	Inverter		√	√	√		
300 Series	Japan BJG	SRS (Airbag)		√	√	√		
300 Series	Japan BJG	SRS (Airbag)		√	√			
300 Series	Japan BJG	SRS (Airbag)		√	√		√	
300 Series	Japan BJG	SRS (Airbag) (OLD)		√	√	√		
300 Series	Japan BJG	SRS (Airbag) (OLD)		√	√			
300 Series	Japan BJG	SRS (Airbag) (OLD)		√	√		√	
300 Series	Japan BJG	Transmission		√	√	√	√	
300 Series	Japan BJG	Transmission		√	√	√		
300 Series	Japan PB/VF	Engine		√	√	√	√	√
300 Series	Japan PB/VF	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan PB/VF	Engine		√	√	√	√	√
300 Series	Japan PB/VF	Engine		√	√	√		
300 Series	Japan PB/VF	Engine		√	√	√	√	0036, 0143
300 Series	Japan PB/VF	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan PB/VF	Brake(DENSO ABS)		√	√	√	√	
300 Series	Japan PB/VF	Brake(DENSO ABS)	√	√	√	√	√	
300 Series	Japan PB/VF	Brake(DENSO ABS)		√	√	√		
300 Series	Japan PB/VF	Brake(DENSO ABS)	√					
300 Series	Japan PB/VF	Brake(DENSO ABS)						
300 Series	Japan PB/VF	SRS (Airbag) (OLD)		√	√	√		
300 Series	Japan PB/VF	SRS (Airbag) (OLD)		√	√			
300 Series	Japan PB/VF	SRS (Airbag) (OLD)		√	√		√	
300 Series	Japan PB/VF	Transmission		√	√	√	√	
300 Series	Japan PB/VF	Transmission		√	√	√		
300 Series	Japan KK	Engine		√	√	√	√	√
300 Series	Japan KK	Engine		√	√	√	√	0028, 0180, 0199, 0238
300 Series	Japan KK	Engine		√	√	√	√	√
300 Series	Japan KK	Engine		√	√	√		



300 Series	Japan KK	Engine		√	√	√	√	0036, 0143
300 Series	Japan KK	Engine	√	√	√	√	√	0032, 0200
300 Series	Japan KK	Transmission		√	√	√	√	
300 Series	Japan KK	Transmission		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine		√	√	√	√	0036, 0143
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO ABS)	√					
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO ABS)						
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO EBS)		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO EBS)	√	√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO EBS)		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO EBS)	√					
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Brake(WABCO EBS)						
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	DCU (Urea SCR)		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Hybrid		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Kneeling Meter		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Meter		√	√	√		0006, 0007, 0010, 0011, 0014, 0015, 0017, 0018, 0019, 0020, 0030, 0031, 0037, 0038, 0045, 0046, 0047, 0053, 0054, 0117, 0118, 0129, 0164, 0167, 0178, 0197, 0198, 0201, 0202, 0205, 0206, 0220, 0226, 0227, 0228, 0229, 0230, 0231, 0240
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Scanning cruise/LDWS/PCS		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	SRS (Airbag)		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	SRS (Airbag)		√	√			
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	SRS (Airbag)		√	√		√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Suspension	√	√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Suspension		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Suspension		√	√	√		
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Transmission		√	√	√	√	
Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	Transmission		√	√	√		

Bus/Coach, Heavy	Japan LDG/LKG/LJG/QPG/QRG/QQG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine		√	√	√	√	0036, 0143
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Brake(WABCO ABS)	√					
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Brake(WABCO ABS)						
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Battery		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Hybrid		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Idling stop system		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Inverter		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Kneeling		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Scanning cruise/LDWS/PCS		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	SRS (Airbag)		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	SRS (Airbag)		√	√			
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	SRS (Airbag)		√	√		√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Suspension	√	√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Suspension		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Suspension		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Transmission		√	√	√	√	
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	Transmission		√	√	√		
Bus/Coach, Heavy	Japan BDG/BKG/PKG/PDG/BJG/ACG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233

Bus/Coach, Heavy	Japan ADG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan ADG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Heavy	Japan ADG	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan ADG	Engine		√	√	√		
Bus/Coach, Heavy	Japan ADG	Engine		√	√	√	√	0036, 0143
Bus/Coach, Heavy	Japan ADG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Heavy	Japan ADG	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Heavy	Japan ADG	Brake(WABCO ABS)	√					
Bus/Coach, Heavy	Japan ADG	Brake(WABCO ABS)						
Bus/Coach, Heavy	Japan ADG	Idling stop system		√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Kneeling		√	√	√	√	
Bus/Coach, Heavy	Japan ADG	SRS (Airbag)		√	√	√		
Bus/Coach, Heavy	Japan ADG	SRS (Airbag)		√	√			
Bus/Coach, Heavy	Japan ADG	SRS (Airbag)		√	√		√	
Bus/Coach, Heavy	Japan ADG	Suspension	√	√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Suspension		√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Suspension		√	√	√		
Bus/Coach, Heavy	Japan ADG	Transmission		√	√	√	√	
Bus/Coach, Heavy	Japan ADG	Transmission		√	√	√		
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine		√	√	√	√	√
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine		√	√	√		
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine		√	√	√	√	0036, 0143
Bus/Coach, Heavy	Japan KL/VM/PJ	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Heavy	Japan KL/VM/PJ	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Heavy	Japan KL/VM/PJ	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Heavy	Japan KL/VM/PJ	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Heavy	Japan KL/VM/PJ	Brake(WABCO ABS)	√					
Bus/Coach, Heavy	Japan KL/VM/PJ	Brake(WABCO ABS)						
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine		√	√	√		
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine		√	√	√	√	0036, 0143
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO ABS)	√					

Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO ABS)						
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO EBS)		√	√	√	√	
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO EBS)	√	√	√	√	√	
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO EBS)		√	√	√		
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO EBS)	√					
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Brake(WABCO EBS)						
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Transmission		√	√	√	√	
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	Transmission		√	√	√		
Bus/Coach, Medium	Japan LDG/LKG/SKG/SDG/LNG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine		√	√	√		
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine		√	√	√	√	0036, 0143
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO ABS)	√					
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO ABS)						
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO EBS)		√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO EBS)	√	√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO EBS)		√	√	√		
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO EBS)	√					
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Brake(WABCO EBS)						
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Idling stop system		√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Transmission		√	√	√	√	
Bus/Coach, Medium	Japan BDG/BKG/PDG/PKG	Transmission		√	√	√		
Bus/Coach, Medium	Japan PK/PB/PA	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan PK/PB/PA	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Medium	Japan PK/PB/PA	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan PK/PB/PA	Engine		√	√	√		
Bus/Coach, Medium	Japan PK/PB/PA	Engine		√	√	√	√	0036, 0143
Bus/Coach, Medium	Japan PK/PB/PA	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Medium	Japan PK/PB/PA	Brake(WABCO ABS)		√	√	√	√	

Bus/Coach, Medium	Japan PK/PB/PA	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Medium	Japan PK/PB/PA	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Medium	Japan PK/PB/PA	Brake(WABCO ABS)	√					
Bus/Coach, Medium	Japan PK/PB/PA	Brake(WABCO ABS)						
Bus/Coach, Medium	Japan PK/PB/PA	Transmission		√	√	√	√	
Bus/Coach, Medium	Japan PK/PB/PA	Transmission		√	√	√		
Bus/Coach, Medium	Japan KK/KL	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan KK/KL	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach, Medium	Japan KK/KL	Engine		√	√	√	√	√
Bus/Coach, Medium	Japan KK/KL	Engine		√	√	√		
Bus/Coach, Medium	Japan KK/KL	Engine		√	√	√	√	0036, 0143
Bus/Coach, Medium	Japan KK/KL	Engine	√	√	√	√	√	0032, 0200
Bus/Coach, Medium	Japan KK/KL	Brake(WABCO ABS)		√	√	√	√	
Bus/Coach, Medium	Japan KK/KL	Brake(WABCO ABS)	√	√	√	√	√	
Bus/Coach, Medium	Japan KK/KL	Brake(WABCO ABS)		√	√	√		
Bus/Coach, Medium	Japan KK/KL	Brake(WABCO ABS)	√					
Bus/Coach, Medium	Japan KK/KL	Brake(WABCO ABS)						
Bus/Coach,Light	Japan SDG/SKG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan SDG/SKG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach,Light	Japan SDG/SKG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan SDG/SKG	Engine		√	√	√		
Bus/Coach,Light	Japan SDG/SKG	Engine		√	√	√	√	0036, 0143
Bus/Coach,Light	Japan SDG/SKG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach,Light	Japan SDG/SKG	Brake(DENSO ABS)		√	√	√	√	
Bus/Coach,Light	Japan SDG/SKG	Brake(DENSO ABS)	√	√	√	√	√	
Bus/Coach,Light	Japan SDG/SKG	Brake(DENSO ABS)		√	√	√		
Bus/Coach,Light	Japan SDG/SKG	Brake(DENSO ABS)	√					
Bus/Coach,Light	Japan SDG/SKG	Brake(DENSO ABS)						
Bus/Coach,Light	Japan SDG/SKG	Transmission		√	√	√	√	
Bus/Coach,Light	Japan SDG/SKG	Transmission		√	√	√		
Bus/Coach,Light	Japan SDG/SKG	VCS (Vehicle Control System)		√	√	√	√	0001, 0002, 0005, 0009, 0012, 0022, 0023, 0026, 0033, 0050, 0051, 0058, 0060, 0067, 0068, 0078, 0083, 0084, 0085, 0089, 0090, 0092, 0094, 0095, 0096, 0097, 0098, 0108, 0125, 0127, 0128, 0130, 0131, 0132, 0133, 0134, 0135, 0147, 0148, 0160, 0162, 0163, 0191, 0196, 0204, 0221, 0223, 0224, 0225, 0233
Bus/Coach,Light	Japan BDG/PDG/NBG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan BDG/PDG/NBG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach,Light	Japan BDG/PDG/NBG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan BDG/PDG/NBG	Engine		√	√	√		

Bus/Coach,Light	Japan BDG/PDG/NBG	Engine		√	√	√	√	0036, 0143
Bus/Coach,Light	Japan BDG/PDG/NBG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach,Light	Japan BDG/PDG/NBG	Brake(DENSO ABS)		√	√	√	√	
Bus/Coach,Light	Japan BDG/PDG/NBG	Brake(DENSO ABS)	√	√	√	√	√	
Bus/Coach,Light	Japan BDG/PDG/NBG	Brake(DENSO ABS)		√	√	√		
Bus/Coach,Light	Japan BDG/PDG/NBG	Brake(DENSO ABS)	√					
Bus/Coach,Light	Japan BDG/PDG/NBG	Brake(DENSO ABS)						
Bus/Coach,Light	Japan BDG/PDG/NBG	Idling stop system		√	√	√	√	
Bus/Coach,Light	Japan BDG/PDG/NBG	Transmission		√	√	√	√	
Bus/Coach,Light	Japan BDG/PDG/NBG	Transmission		√	√	√		
Bus/Coach,Light	Japan ADG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan ADG	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach,Light	Japan ADG	Engine		√	√	√	√	√
Bus/Coach,Light	Japan ADG	Engine		√	√	√		
Bus/Coach,Light	Japan ADG	Engine		√	√	√	√	0036, 0143
Bus/Coach,Light	Japan ADG	Engine	√	√	√	√	√	0032, 0200
Bus/Coach,Light	Japan ADG	Brake(DENSO ABS)		√	√	√	√	
Bus/Coach,Light	Japan ADG	Brake(DENSO ABS)	√	√	√	√	√	
Bus/Coach,Light	Japan ADG	Brake(DENSO ABS)		√	√	√		
Bus/Coach,Light	Japan ADG	Brake(DENSO ABS)	√					
Bus/Coach,Light	Japan ADG	Brake(DENSO ABS)						
Bus/Coach,Light	Japan ADG	Idling stop system		√	√	√	√	
Bus/Coach,Light	Japan ADG	Transmission		√	√	√	√	
Bus/Coach,Light	Japan ADG	Transmission		√	√	√		
Bus/Coach,Light	Japan PB/LD	Engine		√	√	√	√	√
Bus/Coach,Light	Japan PB/LD	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach,Light	Japan PB/LD	Engine		√	√	√	√	√
Bus/Coach,Light	Japan PB/LD	Engine		√	√	√		
Bus/Coach,Light	Japan PB/LD	Engine		√	√	√	√	0036, 0143
Bus/Coach,Light	Japan PB/LD	Engine	√	√	√	√	√	0032, 0200
Bus/Coach,Light	Japan PB/LD	Transmission		√	√	√	√	
Bus/Coach,Light	Japan PB/LD	Transmission		√	√	√		
Bus/Coach,Light	Japan KK	Engine		√	√	√	√	√
Bus/Coach,Light	Japan KK	Engine		√	√	√	√	0028, 0180, 0199, 0238
Bus/Coach,Light	Japan KK	Engine		√	√	√	√	√
Bus/Coach,Light	Japan KK	Engine		√	√	√		
Bus/Coach,Light	Japan KK	Engine		√	√	√	√	0036, 0143
Bus/Coach,Light	Japan KK	Engine	√	√	√	√	√	0032, 0200
Bus/Coach,Light	Japan KK	Transmission		√	√	√	√	
Bus/Coach,Light	Japan KK	Transmission		√	√	√		
Industrial Engine	TIER 3 STAGE 3A	Engine		√	√	√	√	√
Industrial Engine	TIER 3 STAGE 3A	Engine		√	√	√	√	0028, 0180, 0199, 0238

Industrial Engine	TIER 3 STAGE 3A	Engine		√	√	√	√	√
Industrial Engine	TIER 3 STAGE 3A	Engine		√	√	√		
Industrial Engine	TIER 3 STAGE 3A	Engine		√	√	√	√	0036, 0143
Industrial Engine	TIER 3 STAGE 3A	Engine	√	√	√	√	√	0032, 0200
Industrial Engine	TIER 4 STAGE 3B	Engine		√	√	√	√	√
Industrial Engine	TIER 4 STAGE 3B	Engine		√	√	√	√	0028, 0180, 0199, 0238
Industrial Engine	TIER 4 STAGE 3B	Engine		√	√	√	√	√
Industrial Engine	TIER 4 STAGE 3B	Engine		√	√	√		
Industrial Engine	TIER 4 STAGE 3B	Engine		√	√	√	√	0036, 0143
Industrial Engine	TIER 4 STAGE 3B	Engine	√	√	√	√	√	0032, 0200
Industrial Engine	TIER 4 STAGE 4	Engine		√	√	√	√	√
Industrial Engine	TIER 4 STAGE 4	Engine		√	√	√	√	0028, 0180, 0199, 0238
Industrial Engine	TIER 4 STAGE 4	Engine		√	√	√	√	√
Industrial Engine	TIER 4 STAGE 4	Engine		√	√	√		
Industrial Engine	TIER 4 STAGE 4	Engine		√	√	√	√	0036, 0143
Industrial Engine	TIER 4 STAGE 4	Engine	√	√	√	√	√	0032, 0200
Industrial Engine	TIER 4 STAGE 4	DCU (Urea SCR)		√	√	√	√	
Industrial Engine	TIER 4 STAGE 4	DCU (Urea SCR)		√	√	√		
Industrial Engine	TIER 4 STAGE 4	DCU (Urea SCR)						
Industrial Engine	EURO3	Engine		√	√	√	√	√
Industrial Engine	EURO3	Engine		√	√	√	√	0028, 0180, 0199, 0238
Industrial Engine	EURO3	Engine		√	√	√	√	√
Industrial Engine	EURO3	Engine		√	√	√		
Industrial Engine	EURO3	Engine		√	√	√	√	0036, 0143
Industrial Engine	EURO3	Engine	√	√	√	√	√	0032, 0200
Industrial Engine	EURO4	Engine		√	√	√	√	√
Industrial Engine	EURO4	Engine		√	√	√	√	0028, 0180, 0199, 0238
Industrial Engine	EURO4	Engine		√	√	√	√	√
Industrial Engine	EURO4	Engine		√	√	√		
Industrial Engine	EURO4	Engine		√	√	√	√	0036, 0143
Industrial Engine	EURO4	Engine	√	√	√	√	√	0032, 0200
Industrial Engine	EURO4	DCU (Urea SCR)		√	√	√	√	
Industrial Engine	EURO4	DCU (Urea SCR)		√	√	√		
Industrial Engine	EURO4	DCU (Urea SCR)						

## Special Function Table

0001	ABS CAN identification
0002	AT CAN identification
0003	Acceleration sensor identification flag
0004	Adaptive cruise CAN identification
0005	Air conditioner idle-up rpm

0006	Air dryer desiccant replacement time(set distance)
0007	Air dryer desiccant replacement time(set period)
0008	Air flow meter variation rate
0009	Air flow sensor characteristic value
0010	Air suspencement time(set distance)
0011	Air suspencement time(set period)
0012	Air suspension CAN identification
0013	Airflow meter learned frequency
0014	Alternator overhaul(set distance)
0015	Alternator overhaul(set period)
0016	Auto SW regeneration permission flag
0017	Battery inspection time(set distance)
0018	Battery inspection time(set period)
0019	Belt inspection time(set distance)
0020	Belt inspection time(set period)
0021	Brake SW identification flag
0022	Brake blending mode
0023	Brake blending setting selection flag
0024	Brake priority selection flag
0025	Catalyst degradation/deterioration tentative determination frequency for monitor
0026	Change in revolutions of variable idle tipping operation
0027	Change in revolutions of variable idle tipping operations
0028	Check functions
0029	Completion flag for pump deviation learning
0030	Coolant replacement time (set distance)
0031	Coolant replacement time(set period)
0032	Cruise control vehicle speed adjustment
0033	Cruise maximum set vehicle speed
0034	Cruise off setting flag
0035	Cruise target speed learned value
0036	DPR Forced Regeneration
0037	DPR cleaning time(set distance)
0038	DPR cleaning time(set period)
0039	DPR failure excessive temperature flag
0040	DPR light control status selection flag 1
0041	DPR regenerating display flag in case of auto-regeneration
0042	DPR regenerating display flag in case of forcible regeneration SWON
0043	DPR regenerating display flag in case of long idling control entry
0044	DPR related memory reset flag
0045	Day
0046	Differential oil replacement time (set distance)
0047	Differential oil replacenment time(set period)



0048	Differential pressure detection DPR erosion flag
0049	Differential pressure sensor clogging flag
0050	Differential ratio
0051	Drive master identification
0052	EGR valve all closed positions learned value 1
0053	Engine oil replacement time(set distance)
0054	Engine oil replacement time(set period)
0055	Engine retarder simultaneous operation exhaust brake selection flag
0056	Engine rpm conditions to enable PTO accelerator
0057	Engine rpm conditions to release PTO accelerator
0058	FS limiter OFF flag
0059	FS limiter speed learned value
0060	Fire truck identification
0061	Flag dedicated to rented cars
0062	Flag enabling PTO auto SW regeneration
0063	Flag enabling PTO auto-regeneration
0064	Flag enabling PTO manual SW regeneration
0065	Flag enabling auto-regeneration in case of PTO stop
0066	Flag enabling auto-regeneration start in case of stop
0067	Flag enabling cruise interlock auxiliary brake
0068	Flag enabling speed limiter interlock auxiliary brake
0069	Flag for North America settings identification
0070	Flag for auto-regeneration prohibition
0071	Flag for auto-regeneration prohibition in case of AT halt
0072	Flag for auto-regeneration prohibition in case of halt
0073	Flag for auto-regeneration toggle request
0074	Flag for auto-regeneration toggle-Soot deposition display toggle flag
0075	Flag for catalyst deterioration
0076	Flag for enabling idle shutdown manual idle
0077	Flag for multi-display limiter vehicle speed
0078	Flag for muti-display limiter vehicle speed
0079	Flag for regeneration SW limit selection
0080	Flag for starting running SW regeneration
0081	Flag for unlimited auto-regeneration hours in case of stop
0082	Flag to disable PTO accelerator setting control
0083	Flag to disable economy Q cut control
0084	Flag to disable fuel economy control controlling acceleration in 7th gear
0085	Flag to disable fuel economy retarder cut control
0086	Flag to disable horse power limit control of eco-run control
0087	Flag to disable retarder anti-zigzag control of eco-run control
0088	Flag to disable top-gear acceleration limit control of eco-run control
0089	Flag to identify engine shutdown setting

0090	Flag to interlock FS limiter eco-run SW
0091	Flag to interlock SLD interlock auxiliary brake eco-run SW
0092	Flag to interlock cruise auxiliary brake interlock control eco-run SW
0093	Flag to interlock cruise interlock auxiliary brake eco-run SW
0094	Flag to interlock sid auxiliary brake interlock control eco-run SW
0095	Flag to permit drive master idle alarm
0096	Flag to permit drive master accelerator alarm
0097	Flag to permit drive master engine speed alarm
0098	Flag to permit drive master vehicle speed alarm
0099	Flag to restrict long PTO control
0100	Flag to select auto idle during PTO
0101	Flag to select brake pedal status to enable PTO accelerator
0102	Flag to select brake pedal status to release PTO accelerator
0103	Flag to select clutch status to enable PTO accelerator
0104	Flag to select clutch status to release PTO accelerator
0105	Flag to select neutral status in PTO mode
0106	Flag to select parking switch status to enable PTO accelerator
0107	Flag to select preset PTO
0108	Flag to set vehicle fuel economy control main 'normally' to ON flag
0109	Frequency of activation of Flow-Damper #1
0110	Frequency of activation of Flow-Damper #2
0111	Frequency of activation of Flow-Damper #3
0112	Frequency of activation of Flow-Damper #4
0113	Frequency of activation of Flow-Damper #5
0114	Frequency of activation of Flow-Damper #6
0115	Frequency of setting the continuous current prevention flag
0116	Fuel consumption secondary compensation coefficient
0117	Fuel filter replacement time (set distance)
0118	Fuel filter replacement time(set period)
0119	Fuel injection quantity in case of trip PTO stop
0120	Fuel injection quantity in case of trip PTo running
0121	Fuel injection quantity in case of trip running
0122	Gradual change in PTO accelerator opening
0123	Gradual variation in PTO idle rpm
0124	Gradual variation in variable PTO idle chip operation rpm
0125	HX07 manual identification
0126	HX07 manual identification or refrigeration compressor identification
0127	High torque differential identification
0128	Hino diesel vehicle identification
0129	Hours
0130	Identification with T/M retarder
0131	Identification with cruise retarder

0132	Identification with engine retarder
0133	Identification with engine start assist
0134	Identification with exhaust brake
0135	Identification with pro shift
0136	Idle knob PTO setting flag
0137	Idle shut down parking switch
0138	Idle shutdown identification flag
0139	Idle shutdown setting time
0140	Idle shutdown setting water temperature
0141	Initial flag for normal idling in case of long idling
0142	Initial implementation flag for the learned values for all closed positions of Intake throttle valve
0143	Injector Data
0144	Intake air temperature for idle shutdown
0145	Learned value for G sensor mounting difference correction
0146	Learned values for all closed positions of intake throttle valve
0147	Lower limit of vehicle speed to enable ECO mode accelerator alarm
0148	Lower limit of vehicle speed to enable POW mode accelerator alarm
0149	Lower limit setting of target engine rpm
0150	Maximum coolant temperature
0151	Maximum exhaust temperature for monitor 1
0152	Maximum exhaust temperature for monitor 2
0153	Maximum fuel temperature
0154	Maximum rpm
0155	Maximum rpm that can be set as variable idling
0156	Maximum rpm that can be set for PTO idle
0157	Maximum rpm to allow for idle knob PTO setting
0158	Maximum set cruise speed
0159	Maximum speed
0160	Maximum speed to allow for variable ISC set
0161	Maximum vehicle and cruise control speed setting
0162	Meter communication identification
0163	Meter compensation coefficient
0164	Minutes
0165	Monitor auto regeneration completion frequency
0166	Monitor forcible regeneration completion frequency
0167	Month
0168	Operations history trip set flag [Read again after reset implementation]
0169	Overheat frequency
0170	Overrun frequency
0171	PM deposition quantity
0172	PTO idle rpm
0173	Permission flag for auxiliary brake sync with cruise

0174	Post-processing idle stop priority flag
0175	Post-treatment system test
0176	Preset PTO set rpm 1
0177	Preset PTO set rpm 2
0178	Radiator inspection time(set distance)
0179	Read Injector code
0180	Read all injector codes
0181	Refrigeration compressor identification flag
0182	Resistor PTO selection flag
0183	Resistor PTO set rpm 1
0184	Resistor PTO set rpm 2
0185	Resistor PTO set rpm 3
0186	Resistor PTO set rpm 4
0187	Selection flag enabling idle shutdown PTO
0188	Selection flag enabling idle shutdown driver operations override
0189	Selection flag to permit variable idle
0190	Selector flag enabling variable PTO idle
0191	Selector flag enabling variable idle
0192	Selector flag to disable PTO accelerator
0193	Selector flag to disable PTO manual idle during PTO
0194	Selector flag to disable driver accelerator during PTO
0195	Selector flag to permit engine stop switch
0196	Semitractor identification
0197	Starter overhaul (set distance)
0198	Starter overhaul(set peroid)
0199	Supply Pump Initializion
0200	System operation history clear
0201	T/M oil replacement time(set distance)
0202	T/M oil replacement time(set period)
0203	Temperature determination DPR dissolution loss flag
0204	Tire dynamic radius
0205	Tire rotation time(set distance)
0206	Tire rotation time(set period)
0207	Total PTO operations time
0208	Total engine operations time
0209	Total fuel injection amount
0210	Total fuel injection quantity during PTO
0211	Total idle fuel injection quantity
0212	Total idle time
0213	Total travel distance
0214	Trip PTO operations time
0215	Trip engine operations time

0216	Trip idle Injection quantity
0217	Trip idle time
0218	Trip total fuel injection quantity
0219	Trip travel distance
0220	Turbocharger inspection time(set distance)
0221	Type of engine retarder
0222	Upper limit of rpm for setting PTO accelerator
0223	Upper limit of speed limiter
0224	Upper limit of vehicle speed to enable ECO mode accelerator alarm
0225	Upper limit of vehicle speed to enable POW mode accelerator alarm
0226	User settings-1(set distance)
0227	User settings-1(set period)
0228	User settings-2(set distance)
0229	User settings-2(set period)
0230	User settings-3(set distance)
0231	User settings-3(set period)
0232	Variation in rpm at preset PTO chip operation operations
0233	Vehicle distance cruise CAN identification
0234	Vehicle fuel economy control 'normally' to ON flag
0235	Vehicle identification 1
0236	Vehicle speed conditions to enable PTO accelerator
0237	Vehicle speed conditions to release PTO accelerator
0238	Write Injector Data
0239	Write Injector code
0240	Year