Content

European Vehicle

BENZ   CITROEN
BMW   RENAULT
VW/AUDI   FIAT
SEAT   VOLVO
SKODA   PEUGEOT
LANDROVER   OPEL

American Vehicle

CHRYSLER   GM
FORD

OBDII/EOBDII CAN/OBD INJECTION SYSTEM

OBDII   INJECTION SYSTEM
EOBDII CAN

Asian Vehicle

【1】 Japanese Vehicle

TOYOTA/LEXUS   MAZDA
HONDA   SUZUKI
MITSUBISHI   DAIHATSU
NISSAN

【2】 Korean Vehicle

HYUNDAI   DAEWOO
KIA

【3】 Chinese Vehicle

Northeast of China
FAW-VW   AOKESI AUTO
FAW-HONGQI   SG AUTO
FAW-MAZDA   GONOW AUTO
FAW-JIABAO   FAW-JIQING
HAFEI AUTO   CHINA-MOTOR
SHENYANG JINBEI AUTO POLARSUN AUTO
FAW-ERFA   DONGAN AUTO
North of China
Beijing Jeep   Dadi Auto
Beijing Hyundai   FOTON
BAW   Huabei Motor
Great wall motor   Heibao Motor

Huatai Auto

Qinhuangdao Motor

Shuanghuan Auto

Tianma Auto

Tianye Auto

Tianjing Toyota

East of China

Shanghai GM

Shanghai VW

Chery

Soueast-motor

Jiangnan Alto

Changhe Auto

Changhe-Suzuki

Fuzhou Motor

Fuzhou Mazda

Shanghai Maple Automobile

Huayang Auto

IVECO

South of China

Guangzhou Honda

Tongbao Motor

Xinkai Auto

Beijing xingtiandi motor

Qingdao Estong

Beilv Auto

ZXauto

JAC

JMC

Geely

King-long

Landwind

Nanjing FIAT

SAIC Motor

Shanghai Wanfeng Auto

Soyat

Yangzi Vehicle

Dongfeng KIA

Yuejin Auto

Wuling Motor

Vehicle type	Chassis	Diagnosis system	Read version code	Read failure code	Clear failure code	Data stream waveform	Dynamic data stream	Component test	System reset
	107		√	√	√	√	√	√	√
	124		√	√	√	√	√	√	√
	126		√	√	√	√	√	√	√
	129		√	√	√	√	√	√	√
	140		√	√	√	√	√	√	√
	163	All the	√	√	√	√	√	√	√
	168	systems with	√	√	√	√	√	√	√
	170		√	√	√	√	√	√	√
	201	diagnos	√	√	√	√	√	√	√
BENZ	202	tic	√	√	√	√	√	√	√
	203	function	√	√	√	√	√	√	√
	208	installe	√	√	√	√	√	√	√
	209	d in	√	√	√	√	√	√	√
	210	vehicle	√	√	√	√	√	√	√
	215		√	√	√	√	√	√	√
	220		√	√	√	√	√	√	√
	230		√	√	√	√	√	√	√
	416		√	√	√	√	√	√	√
	463		√	√	√	√	√	√	√

Hainan Mazda
Baolong Motor
Fudi Motor
Midland of China
Dongfeng Citroen
Dongfeng GEUGEOT
Dongfeng Nissan
Dongfeng MPV
Dongfengxiaokang
Dongfeng CNG
Southwest & Northwest of China
Changan Vehicle
Changan Suzuki
Changan Ford
BYD Auto
Chengdu New-dadi
Xian Qinghua vehicle
Xiefei Alto
Hanjiang Auto

YCACO
Jingan Clouded leopard

DFAC light truck
Changfeng Liebao
Hanjiang Motor
Wuhan Wantong
Zhengzhou Nissan

European Vehicle

BENZ

1.1：Function List of testing BENZ (Drawing 1-1.1)：

Drawing1-1.1

BMW

2.1 Function List of testing BMW (Drawing 2-1.1)：

Vehicle type	Chassis	Year	Diagnosis system	Read version code	Read failure code	Clear failure code	Data stream waveform	Dynamic data stream	Component test	System reset
1	E87	2004~		√	√	√	√	√	√	√
3	E30	93~2000		√	√	√	√	√	√	√
	E46	98~		√	√	√	√	√	√	√
	E90	2004~		√	√	√	√	√	√	√
	E91	2004~		√	√	√	√	√	√	√
5	E28	~1990		√	√	√	√	√	√	√
	E34	1989~1995	All the systems with diagnostic function installed in vehicle	√	√	√	√	√	√	√
	E39	95~		√	√	√	√	√	√	√
	E60	2003~		√	√	√	√	√	√	√
	E61	2003~		√	√	√	√	√	√	√
6	E24	1984~1989		√	√	√	√	√	√	√
7	E23	~1988		√	√	√	√	√	√	√
	E32	1988~1994		√	√	√	√	√	√	√
	E38	1995~2001		√	√	√	√	√	√	√
	E65	2000~		√	√	√	√	√	√	√
8	E31	~1999		√	√	√	√	√	√	√
X3	E83	=		√	√	√	√	√	√	√
X5	E53	1999~		√	√	√	√	√	√	√
Z1	E30	~1993		√	√	√	√	√	√	√
Z3	E36	1993~2000		√	√	√	√	√	√	√
Z4	E85	=		√	√	√	√	√	√	√
Z8	E52	1999~		√	√	√	√	√	√	√
MIMI	R50	=		√	√	√	√	√	√	√

Drawing 2-1.1

1

VW/AUDI

3.1 Function list of testing VW/AUDI(Drawing 3-1.1)：

Vehicle type	Year	Diagnosis system	Read version code	Read failure code	Clear failure code	Data stream waveform	Basic setting	Dynamic data stream	Component test	Self fit in with mating	Safely log on	Program
AUDI 100	92~	All the systems with diagnostic function installed in vehicle	√	√	√	√	√	√	√	√	√	√
AUDI A6	94~2005		√	√	√	√	√	√	√	√	√	√
AUDI A6L	2006~		√	√	√	√	√	√	√	√	√	√
AUDI A4	2000~2007		√	√	√	√	√	√	√	√	√	√
Q7	2006~		√	√	√	√	√	√	√	√	√	√
Passat	98~2007		√	√	√	√	√	√	√	√	√	√
Polo	2000~2007		√	√	√	√	√	√	√	√	√	√
Jetta 5V	2000~2007		√	√	√	√	√	√	√	√	√	√
Gol	98~2007		√	√	√	√	√	√	√	√	√	√
Jetta 2V	2006~2007		√	√	√	√	√	√	√	√	√	√
Golf	98~2007		√	√	√	√	√	√	√	√	√	√
Bora	98~2007		√	√	√	√	√	√	√	√	√	√
Santana	96~2007		√	√	√	√	√	√	√	√	√	√
Sagitar	2006~		√	√	√	√	√	√	√	√	√	√
Beetle	~2007		√	√	√	√	√	√	√	√	√	√
SKODA	~2007		√	√	√	√	√	√	√	√	√	√
AUDI A3	~2007		√	√	√	√	√	√	√	√	√	√

Drawing 3-1.1

★ Can test all the vehicle types produced by VW/AUDI, including 1：single K line, 2：double K line, 3：CAN-BUS agreement。

SEAT

Please refer to the function list of testing VW/AUDI, because all the computer control systems of Seat are same as VW/Audi's

SKODA

Please refer to the function list of testing VW/AUDI, because all the computer control systems of Skoda are same as VW/Audi's.

LANDROVER

6.1 Function list of testing Landrover (Drawing 6-1.1)

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Freelander	99~2005	Power control module	√	√	√	√	√	√
		AT system	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√
		SRS system	√	√	√	√	√	√
		Instrument panel system	√	√	√	√	√	√
Discovery	99~2005	Power control module	√	√	√	√	√	√
		AT system	√	√	√	√	√	√
		SRS system	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√
Dange Rover	99~2005	Power control module	√	√	√	√	√	√
		AT system	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√
Defender	99~2005	Power control module	√	√	√	√	√	√

		ABS control module	√	√	√	√	√	√

Drawing：6-1.1

France PEUGEOT

7.1 Function list of testing France PEUGEOT (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
106 206 306 307 406 607	2000~2007	Engine system	√	√	√	√	√	√
		Automatic Transmission	√	√	√	√	√	√
		ABS system	√	√	√	√	√	√
		SRS system 1	√	√	√	√	√	√
		SRS system2	√	√	√	√	√	√

Drawing 7-1.1

□ As for the function list of testing France PEUGEOT by Car Brain, please refer to the function list of testing domestic PEUGEOT.

RENAULT

8.1 Function list of testing France RENAULT (Drawing 8-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Laguna、Avantime、MEGANE、Vel Satis、SENIC、TRAFIC、CLIO、Safrane、Master、Espace MPV、KANKOO、super、SAVANNA spider、extra、alpine、RACING CAR	~2006	Engine system	√	√	√	√	√	√
		Automatic Transmission	√	√	√	√	√	√
		ABS system	√	√	√	√	√	√
		SRS system 1	√	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√	√
		Network control	√	√	√	√	√	√
		AC system	√	√	√	√	√	√
		Power-Assisted steering system	√	√	√	√	√	√
		Instrument panel system	√	√	√	√	√	√
		Door system	√	√	√	√	√	√
		Tire system	√	√	√	√	√	√

Drawing 8-1.1

VOLVO

9.1 Function list of testing VOLVO (Drawing 9-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
S40 S70 S90	2000~2005	Engine system	√	√	√	√	√	√
		Automatic Transmission	√	√	√	√	√	√
		ABS system	√	√	√	√	√	√
		SRS system 1	√	√	√	√	√	√

Drawing 9-1.1

FIAT

10 Function list of testing FIAT (Drawing 10-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform

FIAT	2000~2007	Engine-M&M system	√	√	√	√	√	√
		Engine-Fiat original power	√	√	√	√	√	√
		ABS system	√	√	√	√	√	√
		SRS system 2	√	√	√	√	√	√
		Automatic air conditioner system	√	√	√	√	√	√

Drawing 10-1.1

□ As for the function list of testing FIAT by Car Brain, please refer to the function list of testing domestic FIAT.

CITROEN

11.1 Function list of testing CITROEN (Drawing11-1.1) :

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
ZX serial	2000~2007	Engine system	√	√	√	√	√	√
		AT system	√	√	√	=	√	√
		ABS system	√	√	√	=	√	√
ELYSEE	2001~2007	Engine system	√	√	√	=	√	√
		AT system	√	√	√	=	√	√
		ABS system	√	√	√	=	√	√
		Theft-deterrent system	√	√	√	=	√	√
		Remote control system	√	√	√	=	√	√
PICASSO XSARA	2004~2007	Engine system	√	√	√	=	√	√
		AT system	√	√	√	=	√	√
		ABS system	√	√	√	=	√	√
		Theft-deterrent system	√	√	√	=	√	√
		Air conditioner system	√	√	√	√	√	√
		Control panel	√	√	√	√	√	√
		Wireless equipment	√	√	√	√	√	√

		CD player	√	√	√	√	√	√
C5 C3 C2	2004~2007	Embedded system	√	√	√	√	√	√
		Engine system	√	√	√	√	√	√
		AT system	√	√	√	√	√	√
		ABS system	√	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√	√
		SRS system	√	√	√	√	√	√
		Embedded system	√	√	√	√	√	√

Drawing 11-1.1

□ As for testing CITROEN, please refer to the function list of testing domestic Dongfeng CITROEN.

OPEL

12.1 Function list of testing OPEL (Drawing 12-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Agila、 Astra、 Campo、 Omega、 Zafira、 Vectra、 Business car	97~2004	Engine	√	√	√	√	√	√
		Body	√	√	√	√	√	√
		Chassis	√	√	√	√	√	√
		Information system	√	√	√	√	√	√

Drawing：12-1.1

American Vehicle

CHRYSLER

1-1. Function list of testing Chrysler (Drawing 1-1.1) ：

Vehicle type	Diagnostic Adaptor	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Chrysler	6PIN	Power control module	√	√	√	√	√	√

	16PIN	Body control module	√	√	√	√	√	√

Drawing 1-1.1

FORD

2.1 Function list of testing Ford (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Ford	97~2005	Power control module	√	√	√	√	√	√
		Body control module	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√
		SRS	√	√	√	√	√	√

Drawing 2-1.1

GM

3.1 Function list of testing GM (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
GM	96~2004	Power control module	√	√	√	√	√	√
		Body control module	√	√	√	√	√	√
		Chassis control module	√	√	√	√	√	√

Drawing 3-1.1

# OBD-II、EOBD-II CAN、OBD injection system

一、OBD-II brief introduction

OBD-II is the short form for ON-BOARD DIAGNOSITICS-II, The diagnostic system before 1993 is the first generation, different manufacturers were using different diagnostic adaptor、failure code and diagnostic function, and then brought about some difficulties for the technician. SAE established a set of standard norm, which was certificated by the Environmental Protection Organization (EPA) and CARB, it requires that every automobile making manufacturer providing the unified diagnostic mode, adaptor according to the

OBD-II standard, it mean that the diagnostic checking could be carried out on every vehicle types by one instrument.

OBD-Ⅱ is the standard norm of American California, all the vehicles sold to American California should be coincident with this norm. At present, this norm is also executing in China. According as the development of automobile communication, most vehicle types are using OBD standard.

二、OBD-II Peculiarity

(1) The unified diagnostic pattern is 16pin, refer to the below drawing 1.
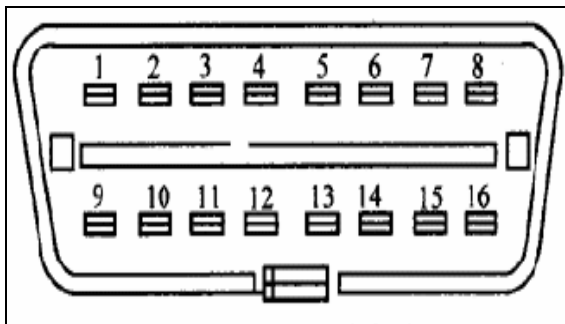
Drawing 1

(2) DATA LINK CONNECTOR-DLC.

(3) Unified failure code and meaning.

(4) Automobile running recorder.

(5) Display the recorded failure code.

(6) Directly clear failure code through instrument.

三：Standard DLC diagnostic adaptor

1. The standard DLC diagnostic adaptor is 16pin，and locates under the instrument panel.
2. There are two standard for DLC: ISO-- (INTERNATIONAL STANDARDS ORGANIZATION 9141-2), and using 7# and 15# to transfer data; SAE--(SAE-J1850), and using 2# and 10# to transfer data.

Function list of OBD-Ⅱ diagnostic pin, refer to the below drawing 1.

Pin	Function description	Pin	Function description
1	SAE J2411, GM single wire CAN; GM single wire CAN-BUS	9	If can't use 7#, use *KWP1281or KWP2000 agreement diagnostic wire (K wire)

2	ISO11519-4 (Bus+)(SAE J1850), using with 10# at the same time	10	ISO 11519-4 (Bus-)(SAE J1850
3	CCD-BUS reticle H	11	CHRYSLER CCD-BUS L wire
4	Chassis Ground	12	K wire Manufacturer reserve
5	Signal ground	13	K wire Manufacturer reserve
6	ISO 15765-4;CAN-BUS high-speed diagnostic wire (H wire)	14	ISO15765-4; CAN-BUS high-speed diagnostic wire (L wire)
7	KWP1281 or KWP2000 agreement diagnostic wire (K wire)	15	KWP1281 or KWP2000 agreement diagnostic wire (K wire)
8	IG+; Ignition switch ON/Off	16	Battery Power +

Drawing 1 OBD-Ⅱ diagnostic pin function list

四：In order to provide more convenience and quick diagnosis for the end user, Car Brain coordinates the OBD-II, please refer to the main menu as below drawing (3—1)

Drawing （3—1）

1. OBD-II：

OBD-II means the vehicle types should accord with the OBD-II protocol; they are

Non-CAN OBD-II vehicle types before 2003.

2. EOBD-II CAN

EOBD-II CAN is the new OBD standard with CAN communication, this standard and vehicle types come into being after 2003.

3. OBD injection system

OBD injection system is using to testing the vehicle types which accord with the OBD diagnostic adaptor and protocol, there are 36 ordinary vehicle systems in this menu, and include the diagnosis and testing function of the electronic control system for the ordinary vehicle systems. When process the diagnosis with the automobile ECU, if you know its electronic control system, then you have no need to look the relative vehicle types, only need to select the corresponding diagnostic procedure in the OBD injection system to go on the testing, refer to the below drawing (3-2).
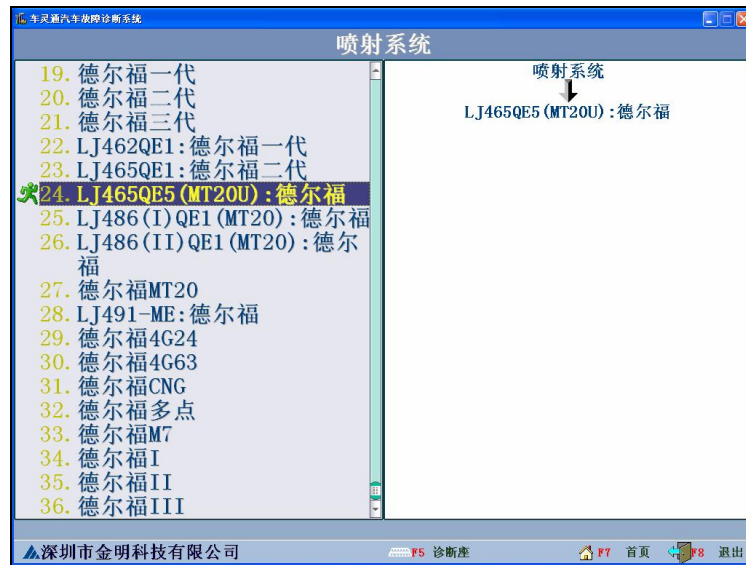
图（3—2）

★ Testing condition：
1. The power supply system should be normal.
2. The signal wire of diagnostic adaptor should work normally.
3. Select the corresponding menu according as the electronic control system

Asian Vehicle

【1】 Japanese Vehicle

TOYOTA/LEXUS
1.1 Function list of testing Toyota/Lexus (Drawing 1-1.1)：

Diagnostic Adaptor	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
17PIN squareness	93~2003	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		AT	√	√	√	√	√

7

17PIN roundness	93~2003	Engine	√	√	√	√	√
		AT	√	√	√	√	√
		ABS	√	√	√	√	√
		CCS	√	√	√	√	√
16PIN Standard	96~2005	Engine	√	√	√	√	√
		AT	√	√	√	√	√
		ABS	√	√	√	√	√
		CCS	√	√	√	√	√
		SRS	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√
		Body control system	√	√	√	√	√
		Power-assisted steering system	√	√	√	√	√

Drawing 1-1.1

HONDA

2.1 Function list of testing Honda (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Accord Odyssey Fit CRV Civic Acura	96~2005	Engine-	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Power steering system	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 2-1.1

NISSAN

3.1 Function list of testing Nissan (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Idle learning	Data stream display	Data stream waveform

Blue bird Tiida Sunshine Teana BLUEBIRD SYLPHY	98~2005	Engine-Nissan	√	√	√	√	√	√
		ABS-Nissan	√	√	√	=	√	√
		SRS-Nissan	√	√	√	=	√	√
		AT-Nissan	√	√	√	√	√	√
		Body control system	√	√	√	=	√	√
		Theft-deterrent system	√	√	√	√	√	√
		Four wheel drive	√	√	√	√	√	√
		Intelligent Entrance	√	√	√	√	√	√
		Backsight system	√	√	√	√	√	√
		Differential system	√	√	√	√	√	√
		Hydraulic Control	√	√	√	√	√	√

Drawing 3-1.1

MAZDA

4.1 Function list of testing Mazda (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
3 serial 6 serial 9 serial MX MPV Z serial	95~2005	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Instrument panel	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 4-1.1

SUZUKI

5.1 Function list of testing Suzuki (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
GRAND-VITARA	~2007	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Power-assisted steering system	√	√	√	√	√
SOLIO	~2007	Engine	√	√	√	√	√

		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Power-assisted steering system	√	√	√	√	√
SWIFT	~2007	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Power-assisted steering system	√	√	√	√	√

Drawing 5-1.1

DAIHATSU

6.1 Function list of testing Daihatsu (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Daihatsu	~2001	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 6-1.1

MITSUBISHI

7.1 Function list of testing Mitsubishi (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform	Vehicle type
Freeca Delica Lioncel Space wagon Lancer Galant Weili Landio	2000~2005	Engine	√	√	√	=	√	√
		Four wheel steering system	√	√	√	√	√	√
		Air Suspension	√	√	√	√	√	√
		ABS-Mitsubish	√	√	√	√	√	√
		SRS-Mitsubish	√	√	√	√	√	√
		AC	√	√	√	√	√	√
		SRS	√	√	√	√	√	√
		Power steering system	√	√	√	√	√	√

Drawing 7-1.1

Korean Vehicle

HYUNDAI

1.1 Function list of testing HYUNDAI (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Date stream waveform
All Hyundai vehicles	91~2005	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 1-1.1

KIA

2.1 Function list of testing KIA (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Date stream waveform
All KIA vehicles	~2005	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 2-1.1

DAIWOO

3.1 Function list of testing DAIWOO (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Date stream waveform
DAIWOO	=	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 3-1.1

Chinese Vehicles

1. Northeast of China:

11

FAW-VW

1.1 Function list of testing FAW-VW (Drawing 1-1.1)：

Vehicle type	Year	Diagnosis system	Read version code	Read failure code	Clear failure code	Basic setting	Dynamic data stream	Component test	Self fit in with mating	Safely log on	Program
AUDI 100	92~	All the systems with diagnostic function installed in vehicle	√	√	√	√	√	√	√	√	√
AUDI A6	94~2005		√	√	√	√	√	√	√	√	√
AUDI A6L	2006~		√	√	√	√	√	√	√	√	√
AUDI A4	2000~2007		√	√	√	√	√	√	√	√	√
Q7	2006~		√	√	√	√	√	√	√	√	√
Jetta 5V	2000~2007		√	√	√	√	√	√	√	√	√
Jetta 2V	2006~2007		√	√	√	√	√	√	√	√	√
Bora	98~2007		√	√	√	√	√	√	√	√	√
Sagitar	2006~		√	√	√	√	√	√	√	√	√

Drawing 1-1.1

FAW-HONGQI

2.1 Function list of testing FAW-HONGQI (Drawing 2-1.1)：

Vehicle type	System	Read version code	Read failure code	Clear failure code	Idle learning	Basic setting	Dynamic data stream	Component test	Self fit in with mating	Safely log on	Program
HONGQI 2E 3E	Siemens engine	√	√	√	√	√	√	√	√	√	√
	Nissan engine	√	√	√	√	√	√	√	√	√	√

4E											
4E	SRS①	√	√	√	=	=	√	√	=	=	=
	SRS②	√	√	√	=	=	√	√	=	=	=
	ABS①	√	√	√	=	√	√	√	√	√	√
	ABS②	√	√	√	=	√	√	√			
	Theft-deterrent system	√	√	√	√	√	√	√	√	√	√

Drawing 2-1.1

FAW-MAZDA

3.1 Function list of testing FAW-MAZDA (Drawing 3-1.1)

Vehicle type	Year	Diagnosis system	Read failure code	Clear failure code	Dynamic data stream	Data stream waveform
MAZDA 6 2.0L	2003~2007	Engine	√	√	√	√
		Instrument panel	√	√	√	√
		ABS	√	√	√	√
		SRS	√	√	√	√
MAZDA 6 2.3L	2003~2007	Engine	√	√	√	√
		Instrument panel	√	√	√	√
		ABS	√	√	√	√
		SRS	√	√	√	√

Drawing 3-1.1

FAW-JIABAO

4.1 Function list of testing FAW-JIABOA (Drawing 4-1.1)

Vehicle type	Year	Diagnosis system	Read failure code	Clear failure code	Dynamic data stream	Component test	Version code	Data stream waveform	Self fit in with mating 配
JIABAO	98~2001	Engine（DelphiⅠ）	√	√	√	√	=	√	=
	2001~2004	Engine（DelphiⅡ）	√	√	√	√	=	√	=
	2006~2007	Engine（DelphiⅢ）	√	√	√	√	=	√	=
	2000~2007	Engine United Electronic I	√	√	√	√	√	√	√
	2000~2007	Engine United Electronic II	√	√	√	√	√	√	√

Drawing 4-1.1

HAFEI AUTO

5.1 Function list of testing HAFEI AUTO (Drawing 5-1.1)：

Vehicle type	Year	Diagnosis system	Read failure code	Clear failure code	Dynamic data stream	Component test	Version code	Data stream waveform
Song	98~2005	Engine（DelphiⅠ）	√	√	√	√	=	√

hua jiang	2002~2006	Engine United Electronic I	√	√	√	√	√	√
	=	Air bag	√	√	√	=	=	√
Zhong yi	2000~2002	Engine（DelphiI）	√	√	√	√	=	√
	2003~2005	Engine（DelphiII）	√	√	√	√	=	√
	2005~	Engine （Delphi MT20U）	√	√	√	√	=	√
	2002~2004	Engine United Electronic I	√	√	√	√	√	√
	=	Air bag	√	√	√	=	√	√
Baili	2000~2002	Engine（DelphiI）	√	√	√	√	=	√
	2003~2006	Engine（DelphiII）	√	√	√	√	=	√
	2002~2004	Engine United Electronic I	√	√	√	√	√	√
	=	Air bag	√	√	√	=	=	√
Minyi	2000~2003	Engine（DelphiI）	√	√	√	√	=	√
	2003~2004	Engine（DelphiII）	√	√	√	√	=	√
	2004~2006	Engine（DelphiIII）	√	√	√	√	=	√
	2006~	Engine （Delphi MT20U）	√	√	√	√	=	√
	2000~2003	United Electronic	√	√	√	√	√	√
Saima	2002~2004	Engine-Mitsubishi	√	√	√	√	√	√
	2004~2007	Engine （United Electronic M7）	√	√	√	√	√	√
	=	Airbag-Mitsubishi	√	√	√	=	=	√
	=	Airbag - jinheng	√	√	√	=	=	√
	=	Mitsubishi ABS	√	√	√	√	=	√
	=	ABS brake-Wandu	√	√	√	√	=	√
Lubao	20005~	Engine （United Electronic M7）	√	√	√	√	√	√
	~2004	Engine M1	√	√	√	√	√	√
	=	Wandu ABS	√	√	√	√	=	√
	=	Airbag	√	√	√	=	√	√
Saibao	2005~	Engine （United Electronic M7）	√	√	√	√	√	√
	2001~2003	Engine（DelphiI）	√	√	√	√	=	√
	2002~2004	Engine-Mitsubishi	√	√	√	√	=	√
	=	Transmission-Mitsubishi	√	√	√	√	=	√

	=	ABS brake	√	√	√	√	=	√
	=	Airbag	√	√	√	=	=	√
Ruiyi	2005~	Delphi MT20U	√	√	√	√	=	√
	2000~2007	United Electronic I	√	√	√	√	√	√

Drawing 5-1.1

JINBEI

6.1 Function list of testing JINBEI (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Program	Data stream wave form
JINBEI serial	2000~2002	Engine-MRL-Single point injection	√	√	√	√	=	=	√
	2002~2003	Engine-MRL-Multi- points injection	√	√	√	√	=	=	√
	2002~2004	Engine（DelphiⅠ）	√	√	√	√	=	=	√
	2004~2005	Engine（DelphiⅡ）	√	√	√	√	=	=	√
	2004~2006	Engine-491ME	√	√	√	√	=	=	√
	2000~2003	Engine-Toyota 4Y	√	√	√	√	=	=	√
	2000~2004	Engine-Toyota import	√	√	√	√	=	=	√
	2004~2006	Engine - Mitsubishi 4G64	√	√	√	√	=	=	√
	=	ABS brake-MK20	√	√	√	√	√	√	√
	=	ABS brake-Toyota	√	√	√	√	=	=	√

Drawing 6-1.1

FAW-ERFA

7.1 Function list of testing FAW-ERFA (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
FAW-ERFA	=	Engine-Toyota computer controlsystem	√	√	√	√	=	√
	=	Engine-MRL-Multi-points injection	√	√	√	√	=	√
	=	Engine（DelphiⅡ）	√	√	√	√	=	√

Drawing 7-1.1

AOKESI AUTO

8.1 Function list of testing AOKESI AUTO (Drawing 8-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
AOKESI AUTO	=	Engine-original power	√	√	√	√	=	√

Drawing 8-1.1

SG AUTO

9.1 Function list of testing SG AUTO (Drawing 9-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
SG AUTO	2000~2002	Engine-MRL-Single point injection	√	√	√	√	√
	2002~2004	Engine（DelphiⅠ）	√	√	√	√	√
	2004~2005	Engine（DelphiⅡ）	√	√	√	√	√
	2004~2006	Engine （ Delphi 486）	√	√	√	√	√
	2000~2003	Engine-491ME	√	√	√	√	√
	2000~2004	Engine - Mitsubishi 4G24	√	√	√	√	√
	2004~2006	Engine - Mitsubishi 4G64	√	√	√	√	√

Drawing 9-1.1

GONOW AUTO

10.1 Function list of testing GONOW AUTO (Drawing 10-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Shuaichi	2002~2007	Engine	√	√	√	√	√
Shuailing	2002~2007	Engine	√	√	√	√	√
Shuaiwei	2002~2007	Engine	√	√	√	√	√
Kaixuan	2002~2007	Engine	√	√	√	√	√
Mengjianglv	2002~2007	Engine	√	√	√	√	√
Coach	2002~2007	Engine	√	√	√	√	√
Minsu	2002~2007	Engine	√	√	√	√	√

Drawing 10-1.1

FUQI Auto

11.1 Function list of testing FUQI Auto (Drawing 11-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
FUQI auto	=	Engine-original power	√	√	√	√	=	√

Drawing 11-1.1

FAW-JIQING

12.1 Function list of testing FAW-JIQING (Drawing 12-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Self fit in with mating	Computer version code	Data stream display	Data stream waveform
FAW-JIQING	2000~2002	Engine-MRL-Single point injection	√	√	√	=	=	√	√
	2002~2004	Engine（DelphiⅠ）	√	√	√	=	=	√	√
	2004~2005	Engine（DelphiⅡ）	√	√	√	=	=	√	√
	2004~2006	Engine（Delphi 486）	√	√	√	=	=	√	√
	2000~2003	Engine-MRL-Multi-points injection	√	√	√	=	=	√	√
	2000~2004	Engine-motorola	√	√	√	=	=	√	√

	2004~2006	Engine-united electronic	√	√	√	√	√	√	√

Drawing 12-1.1

CHINA-MOTOR

13.1 Function list of testing China-motor (Drawing 13-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
China-motor	2000~2002	Engine-MRL-Multi-points injection	√	√	√	=	√	√
	2002~2006	Engine（DelphiIII）	√	√	√	=	√	√
	2000~2005	Engine -Mitsubish	√	√	√	=	√	√
	2004~2006	Engine -Siemens	√	√	√	=	√	√
	2000~2003	Automatic transmission	√	√	√	=	√	√
	2000~2004	ABS system 1	√	√	√	=	√	√
	2004~2006	ABS system 2（VW）	√	√	√	√	√	√
	2002~2005	SRS1	√	√	√	=	√	√
	2005~2007	SRS2	√	√	√	=	√	√

Drawing 13-1.1

POLARSUN AUTO

14.1 Function list of testing POLARSUN AUTO (Drawing 14-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
POLARSUN AUTO	=	Engine-original power	√	√	√	√	=	√

Drawing 14-1.1

DONGAN AUTO

15.1 Function list of testing DONGAN AUTO (Drawing 15-1.1):

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Computer version code	Data stream waveform
Dongan auto	=	Engine (Delphi）	√	√	√	√	=	√
	=	Engine United Electronic	√	√	√	√	√	√

North of China

Beijing Jeep

1.1 Function list of testing Beijing Jeep (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Pajero	2002~2007	Engine-GMX2.4MT	√	√	√	√	√
	2002~2007	Engine-GLS3.0MT	√	√	√	√	√
	=	AT	√	√	√	√	√
Outlander	2002~2007	Engine-GLS3.0AT	√	√	√	√	√
	2002~2007	Engine	√	√	√	√	√
	=	AT	√	√	√	√	√
	=	ABS	√	√	√	√	√
Qienuoji	2002~2007	CHRYSLER Engine	√	√	√	√	√
	2002~2004	Siemens Engine	√	√	√	√	√
	2005~	DelphiII Engine	√	√	√	√	√
	2003~2005	Motorola Engine	√	√	√	√	√
	=	Jinheng SRS	√	√	√	√	√
	2005~2007	Hyundai SRS	√	√	√	√	√
	2005~	Hyundai ABS	√	√	√	√	√
	2002~2007	Siemens ABS	√	√	√	√	√

Drawing 1-1.1

Beijing Hyundai

2.1 Function list of testing Beijing Hyunadai (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Sonata	2000~2007	Engine-2.0 gasoline	√	√	√	√	√
		Engine-2.7 gasoline	√	√	√	√	√
		Engine-20.LPG	√	√	√	√	√
		AT	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
Elantra	2002~2007	Engine-1.6L	√	√	√	√	√
		Engine-1.8L	√	√	√	√	√
		AT	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
Santa Fe	2002~2007	Engine-2.0/2.4 ALL Lead gasoline	√	√	√	√	√

Tucson Sonata 御翔		Engine-2.0/2.4 Lead-free EOBD gasoline	√	√	√	√	√
		Engine-2.0/2.4 Lead-free EOBD-2 gasoline	√	√	√	√	√
		Engine-2.0/2.4 Lead-free OBD-II gasoline	√	√	√	√	√
		Engine-2.7L-ALL Lead gasoline	√	√	√	√	√
		Engine-2.7L-GNE Lead-free gasoline	√	√	√	√	√
		Engine-2.7L-EOBD Lead-free gasoline	√	√	√	√	√
		Engine-2.7L-EOBD-II Lead-free gasoline	√	√	√	√	√
		AT -81	√	√	√	√	√
		AT -68	√	√	√	√	√
		ABS -2 wheel drive	√	√	√	√	√
		ABS -4 wheel drive	√	√	√	√	√
		SRS	√	√	√	√	√
		Pull control	√	√	√	√	√

Drawing 2-1.1

BAW

3.1 Function list of testing BAW (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Version code	Clear failure code	Component test	Data stream display	Data stream waveform
Zhanqi	2002~2007	Engine（DelphiI）	√	=	√	√	√	√
		Engine（DelphiII）	√	=	√	√	√	√
		Engine-Motorola	√	=	√	√	√	√
		Engine-United Electronic I	√	√	√	√	√	√
Luba	2002~2007	Engine-BN6V870E	√	=	√	√	√	√
		Engine-LJ486QE1	√	=	√	√	√	√
		Engine-G4BA	√	=	√	√	√	√
		Engine-Toyota	√	=	√	√	√	√
		ABS-Delphi	√	=	√	√	√	√

Drawing 3-1.1

Great wall motor

4.1 Function list of testing Great Wall motor (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Version code	Clear failure code	Component test	Data stream display	Data stream waveform
Great Wall motor	2000~2007	Engine-MRL-Single point injection	√	=	√	√	√	√
		Engine-MRL-Multi-points injection	√	=	√	√	√	√
		Engine（DelphiⅠ）	√	=	√	√	√	√
		Engine（DelphiⅡ）	√	=	√	√	√	√
		Engine-Delphi European II	√	=	√	√	√	√
		Engine-Delphi European III	√	=	√	√	√	√
		Engine-Delphi 4G24	√	=	√	√	√	√
		Engine-United Electronic I	√	√	√	√	√	√
		SRS	√	=	√	√	√	√
		ABS-BOSCH8.0	√	=	√	√	√	√

Drawing 4-1.1

Dadi Auto

5.1 Function list of testing Dadi Auto (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Dadi 6490E	2002~2007	Engine	√	√	√	√	√
Dadi 1022E	2002~2007	Engine	√	√	√	√	√
Dadi 1021SL	2002~2007	Engine	√	√	√	√	√
Dadi 6492E	2002~2007	Engine	√	√	√	√	√

FOTON

6.1 Function list of testing Foton (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Version code	Component test	Data stream display	Data stream waveform

Foton light truck、Foton Pick-up、SUV、Ollin	2000~2007	Engine（Delphil）	√	√	=	√	√	√
		Engine（Delphill）	√	√	=	√	√	√
		Engine-Delphi European II	√	√	=	√	√	√
		Engine-Delphi European III	√	√	=	√	√	√
		Engine-Toyota	√	√	=	√	√	√
		Engine-United Electronic M7	√	√	√	√	√	√
		Engine-Motorola	√	√	=	√	√	√
		Engine-United Electronic M797	√	√	√	√	√	√
		Engine-MRL-Single point injection	√	√	=	√	√	√

Drawing 6-1.1

Huabei Motor

7.1 Function list of testing Huabei Motor (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Huabei Motor	2000~2007	Engine（Delphil）	√	√	√	√	√
		Engine（Delphill）	√	√	√	√	√
		Engine-Delphi European 4G63	√	√	√	√	√

Drawing 7-1.1

Heibao Motor

8.1 Function list of testing Heibao Motor (Drawing 8-1.1)：

Vehicle ype	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Heibao motor	2000~2007	Engine-MRL-Single point injection	√	√	√	√	√

Drawing 8-1.1

Huatai Auto

9.1 Function list of testing Huatai Auto (Drawing 9-1.1)：

Huatai SQ、	2000~2007	Engine-2.5L	√	√	√	√	√

Huatai STF、Terracan		Engine-2.9L	√	√	√	√	√
		Engine-3.5L	√	√	√	√	√
		AT -81	√	√	√	√	√
		AT -68	√	√	√	√	√
		ABS -2 wheel drive	√	√	√	√	√
		ABS -4 wheel drive	√	√	√	√	√
		SRS	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√

Drawing 9-1.1

Qinhuangdao Motor

10.1 Function list of testing Qinghuangdao Motor (Drawing 10-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Qinghuangdao Motor	2002~2007	Engine（Delphil）	√	√	√	√	√
		Engine-Motorola	√	√	√	√	√

Drawing 10-1.1

Shuanghuan Auto

11.1 Function list of testing Shuanghuan auto (Drawing 11-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Shuanghuan auto	2000~2007	Engine（Delphil）	√	√	√	√	√
		Engine（Delphill）	√	√	√	√	√
		Engine-Delphi European 4G63	√	√	√	√	√
		Engine-MRL-Single point injection	√	√	√	√	√
		Engine-MRL-Multi-points injection	√	√	√	√	√

Drawing 11-1.1

Tianma Auto

12.1 Function list of testing Tianma Auto (Drawing 12-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Version code	Data stream display	Data stream waveform
Yuhu	2000~2007	Engine	√	√	√	=	√	√
Haise	2000~2007	Engine	√	√	√	=	√	√

Chenglong	2000~2007	Engine	√	√	√	√	√	√
Fengling	2000~2007	Engine	√	√	√	=	√	√
Fengchi	2000~2007	Engine	√	√	√	=	√	√

Drawing 12-1.1

Tianye Auto

13.1 Function list of testing Tianye Auto (Drawing 13-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Version code	Data stream display	Data stream waveform
Tianye Auto	2000~2007	Engine（DelphiⅠ）	√	√	√	=	√	√
		Engine（DelphiⅡ）	√	√	√	=	√	√
		Engine-United Electronic Ⅰ	√	√	√	√	√	√
		Engine-MRL-Single point injection	√	√	√	=	√	√
		Engine-MRL-Multi-points injection	√	√	√	=	√	√

Drawing 13-1.1

Tianjin-FAW

14.1 Function list of testing Tianjing-FAW (Drawing 14-1.1)：

Vehicle type	Year	System configuration	Read failure code	Version code	Clear failure code	Component test	Data stream display	Data stream waveform
Xiali、Huali	2002~2007	Engine-MRL-Single point injection	√	=	√	√	√	√
		Engine（DelphiⅡ）	√	=	√	√	√	
		Engine-Motorola	√	=	√	√	√	
		Engine-United Electronic Ⅰ	√	√	√	√	√	
		Engine-United Electronic M154	√	√	√	√	√	
		Engine-DENSO	√	=	√	√	√	√
		Toyota 8A	√	=	√	√	√	√
Vela、Vizi、Yaku	2002~2007	Engine	√	=	√	√	√	√
		ABS	√	=	√	√	√	√
		SRS	√	=	√	√	√	√

Drawing 14-1.1

Tongbao Motor

15.1 Function list of testing Tongbao Motor (Drawing 15-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform

Tongbao WHW1011	2000~2007	Engine	√	√	√	√	√
Tongbao WHW6352	2000~2007	Engine	√	√	√	√	√
Tongbao WHW6353	2000~2007	Engine	√	√	√	√	√

Drawing 15-1.1

Xinkai Auto

16.1 Function list of testing Xinkai Auto (Drawing 16-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Version code	Data stream display	Dat strea wavef
Xinkai Auto	2000~2007	Engine-Delphi	√	√	√	=	√	√
		Engine-Motorola	√	√	√	=	√	√
		Engine-United Electronic I	√	√	√	√	√	√
		Engine-MRL-Single point injection	√	√	√	=	√	√
		Engine-MRL-Multi-points injection	√	√	√	=	√	√

Drawing 16-1.1

Beijing xintiandi motor

17.1 Function list of testing Beijing Xintiandi Motor (Drawing 17-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Version code	Data stream display	D str wav
Beijing Xintiandi Motor	2000~2007	Engine-Delphi	√	√	√	=	√	
		Engine-Motorola	√	√	√	=	√	
		Engine-United Electronic I	√	√	√	√	√	
		Engine-MRL-Single point injection	√	√	√	=	√	
		Engine-MRL-Multi-points injection	√	√	√	=	√	

Drawing 17-1.1

Qingdao Estong

18.1 Function list of testing Qingdao Estong (Drawing 18-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Qingdao Estong	2000~2007	Engine-Toyota	√	√	=	√	√

Drawing 18-1.1

Beilv Auto

19.1 Function list of testing Beilv Auto (Drawing 19-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Beilv Yuhu	2000~2007	Engine 1	√	√	=	√	√
		Engine 2-MRL	√	√	√	√	√

<center>Drawing 19-1.1</center>

ZXauto

20.1 Function list of testing ZXauto (Drawing 20-1.1)：

Vehicle type	Year	System configuration	Read failure code	Read version code	Clear failure code	Component test	Data stream display	Data stream waveform
ZX auto	2002~2007	Engine-MRL-Single point injection	√	=	√	√	√	√
		Engine-MRL-Multi-points injection	√	=	√	√	√	√
		Engine-DelphiII	√	=	√	√	√	√
		Engine-Motorola	√	=	√	√	√	√
		Engine-United Electronic I	√	√	√	√	√	√
		Engine-Motorola	√	=	√	√	√	√
		Engine-DelphiI	√	=	√	√	√	√
		Engine-DelphiII	√	=	√	√	√	√
		Engine-DelphiIII	√	=	√	√	√	√
		Engine-Mitsubishi		=				
		ABS	√	=	√	√	√	√
		SRS	√	=	√	√	√	√

<center>Drawing 20-1.1</center>

North of China

Shanghai GM

1.1 Function list of testing Shanghai GM (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Read version code	Clear failure code	Component test	Data stream display	Data stream waveform
Buick Regal Excelle	99~2006	Power control system	√	√	√	√	√	√

Chevrolet GL8 Sail SPARK		Body control system	√	√	√	√	√	√
		ABS	√	√	√	√	√	√
		SRS	√	√	√	√	√	√
		Other auxiliary control system	√	√	√	√	√	√
		Special function	√	√	√	√	√	√

Drawing 1-1.1

Shanghai VW

2.1 Function list of testing Shanghai VW (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read version code	Read failure code	Clear failure code	Basic setting	Dynamic data stream	Component test	Self fit in with mating	Safely log on	Program	Data stream waveform
Santana	97~2006	All the systems with diagnostic function installed in vehicle	√	√	√	√	√	√	√	√	√	√
Santana 2000	97~2006		√	√	√	√	√	√	√	√	√	√
Superman	97~2006		√	√	√	√	√	√	√	√	√	√
Santana 3000	2005~2007		√	√	√	√	√	√	√	√	√	√
Passat B5	98~2007		√	√	√	√	√	√	√	√	√	√
Gol	2000~2007		√	√	√	√	√	√	√	√	√	√
Passat 领域	2006~2007		√	√	√	√	√	√	√	√	√	√
Polo	98~2007		√	√	√	√	√	√	√	√	√	√

Drawing 2-1.1

Chery

3.1 Function list of testing Chery (Drawing 3-1.1)：

Vehicle	Year	System configuration	Read	Read	Clear	Basic	Dynam	Com	Self fit in	Program	Data stre

type			version code	failure code	failure code	setting	ic data stream	ponent test	with mating		am waveform
Chery Fengyun A11	2000~2007	MRL singlel point	√	√	√	√	√	√	√	√	√
		MRL AAA									
		MRL AA9	√	√	√	√	√	√	√	√	√
		MRL A99	√	√	√	√	√	√	√	√	√
		MRL 2V	√	√	√	√	√	√	√	√	√
		Motorola	√	√	√	√	√	√	√	√	√
		United electronic M7	√	√	√	√	√	√	√	√	√
		Delphi A15 control	√	√	√	√	√	√	√	√	√
		ABS VW	√	√	√	√	√	√	√	√	√
		Delphi ABS	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√
Eastern son	2003~2007	Engine-Mitsubishi	√	√	√	√	√	√	√	√	√
		Engine-Delphi	√	√	√	√	√	√	√	√	√
		Engine-united electronic 1	√	√	√	√	√	√	√	√	√
		AT	√	√	√	√	√	√	√	√	√
		ABS-Mitsubishi	√	√	√	√	√	√	√	√	√
		ABS-MK20	√	√	√	√	√	√	√	√	√
		Double-SRS	√	√	√	√	√	√	√	√	√
		Instrument panel system	√	√	√	√	√	√	√	√	√
		Intelligent control switch	√	√	√	√	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√	√	√	√	√
Chery Qiyun	2003~	Engine-Delphi	√	√	√	√	√	√	√	√	√
		Engine-united electronic 1	√	√	√	√	√	√	√	√	√
		Engine-M797	√	√	√	√	√	√	√	√	√
		Engine-MRL 2V	√	√	√	√	√	√	√	√	√
		Engine-siemens	√	√	√	√	√	√	√	√	√
		ABS	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√

		Theft-deterrent system	√	√	√	√	√	√	√	√	√
Chery QQ	2003~	Engine-Dongan 465	√	√	√	√	√	√	√	√	√
		Engine-Delphi	√	√	√	√	√	√	√	√	√
		Engine-siemens 372	√	√	√	√	√	√	√	√	√
		Engine-MRL Manual position	√	√	√	√	√	√	√	√	√
		Engine-MRL automatic position	√	√	√	√	√	√	√	√	√
		Engine-siemens 472	√	√	√	√	√	√	√	√	√
		Engine-MRL 472	√	√	√	√	√	√	√	√	√
		Engine-Troitec	√	√	√	√	√	√	√	√	√
		Engine SELESPEED	√	√	√	√	√	√	√	√	√
		Manual & Automatic	√	√	√	√	√	√	√	√	√
		Automatic transmission	√	√	√	√	√	√	√	√	√
		ABS	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√
Tigo	2004~	Engine-Delphi	√	√	√	√	√	√	√	√	√
		Engine-united electronic	√	√	√	√	√	√	√	√	√
		ABS	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√
		Intelligent Torque management	√	√	√	√	√	√	√	√	√
		Instrument panel system	√	√	√	√	√	√	√	√	√
		Intelligent control switch	√	√	√	√	√	√	√	√	√
Chery A21	2004~	Engine	√	√	√	√	√	√	√	√	√
		ABS	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√
		Instrument panel system	√	√	√	√	√	√	√	√	√
Chery	2005~	Engine	√	√	√	√	√	√	√	√	√
		ABS	√	√	√	√	√	√	√	√	√

B14		AT	√	√	√	√	√	√	√	√	√
Chery V5	2005~	Engine-Mitsubishi	√	√	√	√	√	√	√	√	√
		Engine-Delphi	√	√	√	√	√	√	√	√	√
		Engine-United Electronic	√	√	√	√	√	√	√	√	√
		AT	√	√	√	√	√	√	√	√	√
		ABS1	√	√	√	√	√	√	√	√	√
		ABS2	√	√	√	√	√	√	√	√	√
		SRS	√	√	√	√	√	√	√	√	√
S12	2005~	SRS	√	√	√	√	√	√	√	√	√

Drawing 3-1.1

Soueast-motor

4.1 Function list of testing Soueast-motor (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Freeca Delica Lioncel Space wagon Lancer Galant Weili Landio	2000~2007	Engine-Delphi	√	√	√	=	√	√
		Engine-United Electronic	√	√	√	√	√	√
		Engine-Mitsubishi	√	√	√	√	√	√
		ABS-Mitsubishi	√	√	√	√	√	√
		SRS-Mitsubishi	√	√	√	√	√	√
		AC	√	√	√	√	√	√
		SRS	√	√	√	√	√	√
		Power-Assisted steering system	√	√	√	√	√	√

Drawing 4-1.1

Jiangnan Alto

5.1 Function list of testing Jiangnan alto (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Jiangnan alto	2000~2007	Engine-Delphi	√	√	√	=	√	√
		Engine-United Electronic I	√	√	√	√	√	√

Changhe Auto
6.1 Function list of testing Changhe Auto (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Dat strea wavef
Changhe Ideal Changhe Triones	2000~2007	Engine-6350	√	√	√	=	√	√
		Engine-United Electronic I	√	√	√	√	√	√
		Engine-United Electronic I	√	√	√	√	√	√
		Engine-6350A	√	√	√	√	√	√
		Engine-7120	√	√	√	√	√	√
		ABS	√	√	√	√	√	√
		SRS	√	√	√	√	√	√
		Power steering system	√	√	√	√	√	
Changhe Mini Car	2000~2007	Engine-United Electronic I	√	√	√	√	√	
		Engine-Delphi I	√	√	√	√	√	
		Engine-Delphi II	√	√	√	√	√	
		Engine-Delphi III	√	√	√	√	√	√

Drawing 6-1.1

Changhe-Suzuki
7.1 Function list of testing Changhe-Suzuki (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Liana	2005~2007	Engine-No EGR	√	√	√	√	√
		Engine-With EGR	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√

		Power steering system	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 7-1.1

Fuzhou Motor

8.1 Function list of testing Fuzhou Motor (Drawing 8-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Fuzhou Motor	2000~2004	Engine-MRL single point injection	√	√	=	√	√

Drawing 8-1.1

Fuzhou Mazda

9.1 Function list of testing Fuzhou Mazda (Drawing 9-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Fuzhou Mazad	2000~2004	Engine-Toyota	√	√	=	√	√

Drawing 9-1.1

Shanghai Maple Automobile

10.1 Function list of testing Shanghai Maple Automobile (Drawing 10-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wave
Maple M203	2000~2007	Engine	√	√	√	=	√	√
Typhoon serial	2000~2007	Engine	√	√	√	√	√	√
Meilu serial	2000~2007	Engine	√	√	√	√	√	√
Jieshida	2000~2007	Engine	√	√	√	√	√	√
Haiyu 303	2000~2007	Engine -7120	√	√	√	√	√	√
	2000~2007	ABS	√	√	√	√	√	√
Haixun 205	2000~2007	Engine	√	√	√	√	√	√

	2000~2007	ABS	√	√	√	√	√	√
Haiyu 305	2000~2007	Engine	√	√	√	√	√	√
Haishang 305	2000~2007	Engine-United electronic M7	√	√	√	√	√	√
	2000~2007	Engine-United electronic M154	√	√	√	√	√	√
Haixun AB	2000~2007	Engine	√	√	√	√	√	√

Drawing 10-1.1

Huayang Auto

11.1 Function list of testing Huayang Auto (Drawing 11-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Huayang auto	2000~2004	Engine	√	√	=	√	√

Drawing 11-1.1

IVECO

12.1 Function list of testing IVECO (Drawing 12-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
IVECO	2003~2007	Engine-Gasoline	√	√	=	√	√
		ABS	√	√	√	√	√

Drawing 12-1.1

JAC

13.1 Function list of testing JAC (Drawing 13-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
JAC	2000~2007	Modern diesel engine	√	√	√	=	√	√
	98-2007	Modern gasoline engine	√	√	√	=	√	√
	98-2007	Modern AT	√	√	√	=	√	√
	98~2007	Modern SRS	√	√	√	=	√	√
	98~2007	Modern ABS	√	√	√	=	√	√
	2005~	Delphi ABS	√	√	√	=	√	√

| | 2004~ | Delphi Engine | √ | √ | √ | = | √ | √ |
| | ~2004 | East joy long SRS | √ | √ | √ | = | √ | √ |

Drawing 13-1.1

JMC

14.1 Function list of testing JMC (Drawing 14-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wave...
Transit、 Baodian、 Baowei、 Qingka	2000~2007	Engine-MRL single point injection	√	√	√	=	√	√
	98-2007	Engine-Delphi	√	√	√	=	√	√
	98-2007	Engin-Siemens	√	√	√	=	√	√
	98~2007	Engine-Mitsubishi	√	√	√	=	√	√
	98~2007	Engine- with EBR	√	√	√	=	√	√
	2005~	ABS	√	√	√	=	√	√

Drawing 14-1.1

Geely

15.1 Function list of testing Geely (Drawing 15-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
HQ serial MK FL BL	2000~2007	Engine-MRL single point injection	√	√	√	=	√	√
	2000-2007	Engine-United electronic 1	√	√	√	=	√	√
	2000-2007	Engine-United electronic M154	√	√	√	=	√	√
	2002~2007	Engine-United electronic M7	√	√	√	=	√	√
	2000~2007	Engine-Toyota	√	√	√	=	√	√
	2005~	ABS	√	√	√	=	√	√
	2005~	SRS	√	√	√	√	√	√

Drawing 15-1.1

King-long

16.1 Function list of testing King-long (Drawing 16-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wave
King-long	2000~2007	Engine-Delphi 491QE	√	√	√	=	√	√
	2000-2007	Engine-Delphi JM495	√	√	√	=	√	√
	2000-2007	Engine-Delphi III	√	√	√	=	√	√
	2002~2007	Engine-Mitsubishi	√	√	√	=	√	√
	2000~2007	Engine-Toyota	√	√	√	=	√	√
	2005~	Engine-nissan	√	√	√	=	√	√

Drawing 16-1.1

LANDWIND

17.1 Function list of testing Landwind (Drawing 17-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Dat strea wavefo
Landwind	2000~2007	Engine-Delphi	√	√	√	=	√	√
	2000-2007	Engine-Mitsubishi	√	√	√	=	√	√
	2000-2007	ABS	√	√	√	=	√	√
	2002~2007	SRS	√	√	√	=	√	√
	2000~2007	AT	√	√	√	=	√	√

Drawing 17-1.1

Nanjing FIAT

18.1 Function list of testing Nanjing FIAT (Drawing 18-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
FIAT	2000~2007	Engine-Delphi	√	√	√	=	√	√
	2000-2007	Engine-FIAT original power	√	√	√	=	√	√
	2000-2007	SRS1	√	√	√	=	√	√

| | 2002~2007 | SRS2 | √ | √ | √ | = | √ | √ |

Drawing 18-1.1

SAIC Motor

19.1 Function list of testing SAIC Motor (Drawing 19-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Saic motor	2000~2007	Engine	√	√	√	=	√	√
	2000-2007	ABS	√	√	√	=	√	√
	2000-2007	SRS	√	√	√	=	√	√

Drawing 19-1.1

Shanghai Wanfeng Auto

20.1 Function list of testing Shanghai Wanfeng Auto (Drawing 20-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wave
Shanghai wanfeng auto	2000~2007	Engine-Delphi 1	√	√	√	=	√	√
	2000-2007	Engine-Delphi II	√	√	√	=	√	
	2000-2007	Engine-Delphi III	√	√	√	=	√	√
	2002~2007	Engine-United electronic 1	√	√	√	√	√	√
	2000~2007	Engine-Motorola	√	√	√	=	√	√
	2005~	Engine-MRL	√	√	√	=	√	√

Drawing 20-1.1

Soyat

21.1 Function list of testing Soyat (Drawing 21-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Soyat	2000~2007	Engine-Delphi II	√	√	√	=	√	√
	2000-2007	Engine-MRL	√	√	√	=	√	√
		ABS	√	√	√	=	√	√

Drawing 21-1.1

Yangzi Vehicle

22.1 Function list of testing Yangzi Vehicle (Drawing 22-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Yangzi Vehicle	2000~2007	Engine-Delphi 1	√	√	√	=	√	√
	2000-2007	Engine-Delphi 491	√	√	√	=	√	√
	2002~2007	Engine-United electronic 1	√	√	√	√	√	√
	2000~2007	Engine-Motorola	√	√	√	=	√	√
	2005~	Engine-MRL	√	√	√	=	√	√

Drawing 22-1.1

KIA

23.1 Function list of testing KIA (Drawing 23-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Pride	2000~2004	Engine-Gasoline	√	√	=	√	√
Swift horse	2000~2006	Engine ISO	√	√	√	√	√
		Power control system	√	√	√	√	√
		Engine-Manual	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Theft-deterrent system	√	√	√	√	√
Optima	2003~2007	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		AT	√	√	√	√	√
Carnival	2003-~2007	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		AT	√	√	√	√	√
Cerato	2005~2007	Engine	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√

Drawing 23-1.1

Yuejin Auto

24.1 Function list of testing Yuejin Auto (Drawing 24-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Yuejin auto	2000~2007	Engine-MRL single point	√	√	√	√	√
		Engine-MRL multi-points	√	√	√	√	√
		Engine-DelphiI	√	√	√	√	√
		Engine-DelphiII	√	√	√	√	√
		ABS	√	√	√	√	√

Drawing 24-1.1

South of China

Guangzhou Honda

1.1 Function list of testing Guangzhou Honda (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Data stream display	Data stream waveform
Accord Odyssey Fit CRV	2000~2005	Engine-	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√
		Power steering system	√	√	√	√	√
		AT	√	√	√	√	√

Drawing 1-1.1

Wuling Motor

2.1 Function list of testing Wuling Motor (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wave
Wuling motor	2000~2007	Engine-united electronic 1	√	√	√	√	√	√
		Engine-MRL multi-points	√	√	√	=	√	√
		Engine-DelphiI	√	√	√	=	√	√
		Engine-DelphiII	√	√	√	=	√	√
		Engine-DelphiIII	√	√	√	=	√	√
		Engine-Motorola	√	√	√	=	√	√

		Engine-Daihatsu	√	√	√	=	√	√
		Engine-siemens	√	√	√	=	√	√
		Wuling-N1	√	√	√	=	√	√
		United electronic M7	√	√	√	√	√	√
		Engine-Delphi 4G24	√	√	√	=	√	√

Drawing 2-1.1

Hainan Mazda

3.1 Function list of testing Hainan Mazda (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wavefo
Mazda Pulima Fumeilai 323	2000~2007	Engine-Toyota	√	√	√	√	√	√
		Engine-MRL multi-points	√	√	√	=	√	√
		Engine-Mazda	√	√	√	=	√	√
		ABS	√	√	√	=	√	√
		AT	√	√	√	=	√	√
		SRS	√	√	√	=	√	√

Drawing 3-1.1

Baolong Motor

4.1 Function list of testing Baolong Motor (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wavefo
Baolong motor	2000~2007	Engine-Toyota	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√
		Engine-Mitsubishi	√	√	√	=	√	√
		ABS Delphi 1	√	√	√	=	√	√
		ABS Delphi 2	√	√	√	=	√	√

Drawing 4-1.1

Fudi Motor

5.1 Function list of testing Fudi motor (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
All Fudi vehicle types	2000~2007	Engine	√	√	√	√	√	√

Drawing 5-1.1

YCACO

6.1 Function list of testing YCACO (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
All YCACO vehicle types	2000~2007	Engine	√	√	√	√	√	√

Drawing 6-1.1

Jingan Clouded leopard

7.1 Function list of testing Jingan Clouded leopard (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
All Jingan Clouded leopard vehicle types	2000~2007	Engine	√	√	√	√	√	√

Drawing 7-1.1

Midland of China

Dongfeng Citroen

1.1 Function list of testing Dongfeng Citroen (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Fukang serial	2000~2007	Engine	√	√	√	√	√	√
		AT	√	√	√	=	√	√
	2000~2007	ABS	√	√	√	=	√	√
Elysee	2001~2007	Engine	√	√	√	=	√	√
		AT	√	√	√	=	√	√
		ABS	√	√	√	=	√	√
		Theft-deterrent system	√	√	√	=	√	√
		Remote control system	√	√	√	=	√	√
Picasso Xsara	2004~2007	Engine	√	√	√	=	√	√
		AT	√	√	√	=	√	√

		ABS	√	√	√	=	√	√
		Theft-deterrent system	√	√	√	=	√	√
		Air-conditioner system						
		Control panel						
		Wireless equipment						
		CD player						
		Embedded system						
C5 C3 C2	2004-2007	Engine						
		AT						
		ABS						
		Theft-deterrent system						
		SRS						
		Embedded system						

Drawing 1-1.1

Dongfeng GEUGEOT
2.1 Function list of testing Dongfeng GEUGEOT (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Geugeot 206	2000~2007	Engine	√	√	√	=	√	√
		Automatic transmission	√	√	√	=	√	√
	2000~2007	ABS	√	√	√	=	√	√
		SRS	√	√	√	=	√	√
Geugeot 307	2001~2007	Engine	√	√	√	=	√	√
		Automatic transmission	√	√	√	=	√	√
		ABS	√	√	√	=	√	√
		SRS	√	√	√	=	√	√

Drawing 2-1.1

Dongfeng Nissan
3.1 Function list of testing Dongfeng Nissan (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Idle learning	Data stream display	Data stream wavefor
Blue bird Tiida Sunshine Teana BLUEBIRD SYLPHY	98~2007	Engine- Nissan	√	√	√	√	√	√
		ABS- Nissan	√	√	√	=	√	√
		SRS-Nissan	√	√	√	=	√	√
		AT-Nissan	√	√	√	√	√	√
		Body control system	√	√	√	=	√	√
		Theft-deterrent	√	√	√	√	√	√

Drawing 3-1.1

Dongfeng MPV
4.1 Function list of testing Dongfeng MPV (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wave
Dongfeng MPV	2000~2007	Engine-Delphi	√	√	√	√	√	√
		ABS- Delphi	√	√	√	=	√	√
		Engine-Mitsubishi	√	√	√	=	√	√
		ABS-Mitsubishi	√	√	√	=	√	√
		SRS-Mitsubishi	√	√	√	=	√	√
		AT- Mitsubishi	√	√	√	√	√	√
		SRS- Hyundai	√	√	√	√	√	√

Drawing 4-1.1

Dongfengxiaokang
5.1 Function list of testing Dongfengxiaokang (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wavef
Dongfeng xiaokang	2000~2007	Engine-307	√	√	√	=	√	√
		Engine-L01	√	√	√	=	√	√
		Engine-L02	√	√	√	=	√	√

Drawing 5-1.1

Dongfeng CNG

6.1 Function list of testing Dongfeng CNG (Drawing 6-1.1):

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Dongfeng CNG	2000~2007	Engine	√	√	√	=	√	√

Drawing 6-1.1

DFAC light truck
7.1 Function list of testing DFAC light truck (Drawing 7-1.1):

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Dongfeng xiaokang	2000~2007	Engine-United electronic	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√

Drawing 7-1.1

Changfeng Liebao
8.1 Function list of testing Changfeng liebao (Drawing 8-1.1):

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Liebao Jeep Heijingang Qibing	2000~2007	Engine-Delphi	√	√	√	√	√	
		ABS-Delphi	√	√	√	=	√	
		Engine-Mitsubishi	√	√	√	=	√	
		ABS-Mitsubishi	√	√	√	=	√	
		SRS-Mitsubishi	√	√	√	=	√	
		AT- Mitsubishi	√	√	√	√	√	
		SRS-Special system	√	√	√	√	√	

Drawing 8-1.1

Hanjiang Motor
9.1 Function list of testing Hanjiang Motor (Drawing 9-1.1):

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform

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Hanjiang motor	2000~2007	Engine-United electronic	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√

<div align="center">Drawing 9-1.1</div>

Wuhan Wantong

10.1 Function list of testing Wuhan wantong (Drawing 10-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Da stre wave
Wuhan wantong	2000~2007	Engine-Delphi	√	√	√	√	√	
		Engine-Delphi 4G24	√	√	√	=	√	
		Engine-Mitsubishi	√	√	√	=	√	
		Engine-Hyundai	√	√	√	=	√	

<div align="center">Drawing 10-1.1</div>

Zhengzhou Nissan

11.1 Function list of testing Zhengzhou Nissan (Drawing 11-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Idle learning	Data stream display	Da stre wave
Zhengzhou Nissan	2000~2007	Engine-Nissan	√	√	√	√	√	√
		ABS-Nissan	√	√	√	=	√	√
		SRS-Nissan	√	√	√	=	√	√
		AT-Nissan	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√

<div align="center">Drawing 11-1.1</div>

Southwest & Northwest of China

Changan Vehicle

1.1 Function list of testing Changan Vehicle (Drawing 1-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	D st wa
Changan	2000~2007	Engine-United electronic 1	√	√	√	√	√	
		Engine-MRL multi-points	√	√	√	=	√	
		Engine-Delphi I	√	√	√	=	√	

		Engine-Delphi II	√	√	√	=	√
		Engine-Delphi III	√	√	√	=	√
		Engine-Japanese denson	√	√	√	=	√
		Engine-United electronic M7	√	√	√	√	√
		Engine-United electronic M747	√	√	√	√	√
		ABS	√	√	√	√	√
		SRS	√	√	√	√	√

Drawing 11-1.1

Changan Suzuki

2.1 Function list of testing Changan Suzuki (Drawing 2-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	s wa
Alto	2000~2007	Engine-United electronic 1	√	√	√	√	√	
		Engine-Delphi I	√	√	√	=	√	
Lingyany	2000~2007	Engine-Manual position	√	√	√	=	√	
		Engine-Automatic position	√	√	√	=	√	
		ABS	√	√	√	=	√	
		SRS	√	√	√	=	√	
Swift	2001~2007	Engine-with EGR	√	√	√	=	√	
		Engine-No EGR	√	√	√	=	√	
		ABS	√	√	√	=	√	
		SRS	√	√	√	=	√	
		AT	√	√	√	=	√	
		Power-Assisted steering system	√	√	√	=	√	

Drawing 2-1.1

Changan Ford

3.1 Function list of testing Changan Ford (Drawing 3-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wavefor

Mondeo	2004~2007	Power control system	√	√	√	√	√	√
		Body control module	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√
Fiesta	2004~2007	Power control module	√	√	√	√	√	√
		Body control module	√	√	√	√	√	√
		ABS control module	√	√	√	√	√	√

Drawing 3-1.1

BYD Auto

4.1 Function list of testing BYD auto (Drawing 4-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Flyer Matiz	2000~2007	Engine	√	√	√	√	√	√
		ABS	√	√	√	=	√	√
		SRS	√	√	√	=	√	√
F3 Serial	2004-2007	Engine	√	√	√	=	√	√
		ABS	√	√	√	=	√	√

Drawing 4-1.1

Chengdu New-dadi

5.1 Function list of testing Chengdu New-dadi (Drawing 5-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream wave
Chengdu New-dadi	2000~2007	Engine-United electronic 1	√	√	√	√	√	√
		Engine-MRL multi-points	√	√	√	=	√	√
		Engine-MRL single point	√	√	√	=	√	√
		Engine-Delphil	√	√	√	=	√	√
		Engine-Motorola	√	√	√	=	√	√

Drawing 5-1.1

Xian Qinghua vehicle

6.1 Function list of testing Xian Qinghua vehicle (Drawing 6-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Xian Qinghua vehicle	2000~2007	SRS	√	√	√	=	√	√

Drawing 6-1.1

Xiefei Alto

7.1 Function list of testing Xiefei Alto (Drawing 7-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Xiefei Alto	2000~2007	Engine-United electronic	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√

Drawing 7-1.1

Hanjiang Auto

8.1 Function list of testing Hanjiang Auto (Drawing 8-1.1)：

Vehicle type	Year	System configuration	Read failure code	Clear failure code	Component test	Computer version code	Data stream display	Data stream waveform
Hanjiang auto	2000~2007	Engine-United electronic	√	√	√	√	√	√
		Engine-Delphi	√	√	√	=	√	√

Drawing 8-1.1