

BarsIII Professional

MITSUBISHI 1988-2012 (CAN and non-CAN Systems)

February 2014

SYSTEM (CAN)	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION
Engine (Gasoline / GDI / Diesel)	~2012	+	+	+	+ (note 7)
Transmission (ELC-AT)	~2012	+	+	+	+ (note 10)
SRS Air Bag	~2012	+ ~2007	+	+	
ABS / ASC	~2012	+	+	+	+ (note 15)
TCL (Traction Control)	~2012	+ ~2007	+	+	
Cruise Control	~2012	+	+	+	
A/C	~2012	+	+	+	
Immobilizer	~2012	+	+	+	+ (note 6)
Meter	~2012	+ ~2007	+	+	+ (note 8)
ETACS (Electronic Time and Alarm Control System)	~2012	+	+	+	
EPS (Electronic Power Steering)	~2012		+	+	
TPMS	~2012		+	+	+ (note 18)
Display	~2012		+	+	
WCM (Wireless Control Module) KOS (Keyless Operation System) FAST-KEY (Freehand Advanced Security)	~2012	+	+	+	+ (note 9)

Transmitter)					
OCM (Occupant Control Module)	~2012		+	+	+ (note 12)
SAS Steering Angle Sensor	~2012				+ (note 13)
ACD / AYC Active Center Differential Active Yaw Control	~2012	+	+		+ (note 16)
AFS / CL / LEVELING	~2012	+	+		+ (note 14)

SYSTEM (non-CAN)	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	ID NO. DISPLAY
Engine (Gasoline/GDI/Diesel)	1988-2012	+	+	+	+ (note 17)	+
Transmission (ELC-4/5AT)	1988-2012	+	+	+	+ (note 11)	+
SRS Air Bag	~2012	+	+	+	+	+
ABS	~2012	+	+	+	+	+
TCL (Traction Control)	~2012	+	+	+	+	+
A/C	~2012	+	+	+	+	+
SWS (Smart Wiring System)	~2012	+	+	+	+	+
AYC (Active Yaw Control) ACD (Active Centre Differential)	~2012	+	+	+	+	+
SS4-II	~2012	+	+	+	+	+
HBB	~2012		+	+	+	+
TPMS	~2012	+	+	+	+	+
Immobilizer	~2012	+	+	+	+ Special Function	+
4WS / EPS	~2012					+
Cruise Control	~2012					+
ECS	~2012					+

Note(Примечание):

1. Some of early models, automatic Transmission and ABS systems are have no digital protocol communication capability. It might be used jumping wire to energizer the impulse codes or flash codes on instrument cluster. / Системы авт. КПП и ABS, в некоторых ранних моделях, не имеют доступного цифрового протокола связи. Допускается использовать дополнительные кабели для возбуждения импульсных кодов или Flash-коды панели приборов./
2. To register a key, a manufacturer password is required. The user should be aware that only two keys could be valid at the same time. That is, if the user has two valid keys, the user register another new key, then one of the original valid keys will be invalidated./ Для регистрации ключа требуется пароль изготовителя. Пользователь должен знать, что только два ключа могут быть действительны одновременно. Т.о., если пользователь имеет два действительных ключа, и регистрирует другой, новый ключ, то один из оригинальных действительных ключей будет недоступен./
3. To register a new key, there are two procedures: (a) Key register, which can be done by this software. (b) Remote Controller Register that controls the central lock can't be registered by the scanner. Users should consult the repair manual to go through this procedure./ Для регистрации нового ключа доступны две процедуры: а) Регистрация ключа, который может быть сделан этим программным обеспечением. б) Удаленная регистрация ключа, который управляет центральным замком, но не может быть определен этим сканером. Пользователи должны проконсультироваться с дилером, чтобы пройти эту процедуру./
4. Recommend remote control register procedure/Рекомендации по процедуре регистрации нового ключа/:
 - (a) Short the diagnostic connector pin 1 to ground./ Замкните контакт 1 диагностического прибора на массу/
 - (b) Switch ignition to ACC within 10 seconds./Установите ключ зажигания в положение ACC на 10 секунд.
 - (c) Switch to OFF, stay for 1 second./Установите ключ зажигания в положение OFF, подождите 1 секунду./
 - (d) Repeat step (b) and (c) for three times. The door locks of the vehicle will lock and unlock automatically once, and go into password setting mode./ Повторите пункты (b) и (c) три раза. Двери закроются, потом автоматически откроются, и вы можете зарегистрировать ключ установленным способом./
 - (e) Push key remote control button twice. (The first push has to be within 10 seconds)./ Нажмите кнопку на дистанционном ключе 2 раза (первый раз в течение 10 секунд)/
 - (f) After the procedure is carried out, the locks of the vehicle will lock and unlock automatically once./ После завершения процедуры двери откроются и закроются автоматически./
 - (g) Finished. / На этом все.../
 - (h) To set the second remote controller, repeat procedure (a) to (g). NOTICE! The central lock module can only store two passwords (keys)./ Для регистрации второго ключа повторите процедуру (a-g). Помните! Блок управления способен хранить только два ключа./
5. Do not support some models equipped with Chrysler systems. / Не поддерживается некоторыми моделями, оборудованными системами Chrysler./
6. Increase special functions involving key registration, add keys, and engine keycode register.
7. **The adaptation functions of the Engine**
 - (a) ETV Initialization Procedure
 - (b) Learning Procedure for Idling
 - (c) Reset All Learned Value
 - (d) VIN Registration
 - (e) Injector ID Readout (Diesel Engine)
 - (f) Injector ID Registration (Diesel Engine)
 - (g) Small Injection Quantity Learning (Diesel Engine)
 - (h) Fuel Leakage Check (Diesel Engine)
 - (i) Supply Pump Exchange Service and Initialization (Diesel Engine)
8. The adaptation functions of the Meter
 - (a) Service Reset
 - (b) Set Service Mileages and Months.

9. The adaptation functions of the WCM / KOS / FAST-KEY
 - (a) Key Registration
 - (b) KOS Key Registration
 - (c) STEERING Lock Unit Registration
 - (d) Keyless ID Registration
 - (e) ENGINE Key Code Registration
 - (f) VIN READ/WRITE

10. The adaptation functions of the Transmission /CVT
 - (a) Clear CVT oil degradation level
 - (b) VIN Registration

11. The adaptation functions of the Transmission
 - (a) Reset All Learned Value

12. The adaptation functions of the OCM
 - (a) Zero Calibration
 - (b) 30kg System Test
 - (c) 0 kg System Test

13. The adaptation functions of SAS
 - (a) Steering angle sensor (SAS) calibration and learning
 - (b) Steering angle sensor (SAS) initialization

14. The adaptation functions of the AFS
 - (a) Height sensor initial position clear
 - (b) Height sensor initial position learning

15. The adaptation functions of ABS / ASC
 - (a) All sensor calibration
 - (b) G sensor calibration
 - (c) Lateral G sensor calibration
 - (d) Master cylinder (M/C) pressure calibration
 - (e) Steering angle sensor (SAS) calibration
 - (f) Cut valve pressure learning (only for EVO)
 - (g) Inlet valve pressure learning (only for EVO)

16. The adaptation functions of ACD /AYC
 - (a) Steering angle sensor (SAS) calibration
 - (b) Lateral G sensor calibration
 - (c) Longitudinal G sensor calibration
 - (d) ACD air bleeding
 - (e) AYC air bleeding

- (f) Oil level check
- (g) Motor drive test
- (h) ACD operation check
- (i) AYC operation check (left)
- (j) AYC operation check (right)
- (k) Control off test

17. The adaptation functions of Engine System with non-CAN protocol

- (a) Idle Speed Learning (SAS MODE)
- (b) ETV Initialization Procedure
- (c) Learning Procedure for Idling
- (d) Read VIN

18. The adaptation functions of TPMS

- (a) Tire Pressure Sensor ID Check
- (b) Tire Pressure Sensor ID Registration (by changing tire pressure)