

Bars Professional



FORD / MAZDA All Models Equipped with OBD-II Connectors

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FORD / MODELS LIST

MODELS	FUNCTIONS / COVERAGE
Aerostar	All systems read / clear fault codes. Partial datastream in PCM.
Aspire	All systems read / clear fault codes. Partial datastream in PCM.
Bronco	Partial systems read / clear fault codes. Partial datastream in PCM.
C-Max / Focus C-Max	Partial systems read / clear fault codes. Partial datastream in PCM.
Contour	All systems read / clear fault codes. Partial datastream in PCM.
Cougar	Partial systems read / clear fault codes. Partial datastream in PCM.
Courier	All systems read / clear fault codes. Partial datastream in PCM.
Crown Victoria	All systems read / clear fault codes. PCM with Datastream.
E-Series	All systems read / clear fault codes. Partial datastream in PCM.
Econoline	Partial systems read / clear fault codes. Partial datastream in PCM.
Econovan	All systems read / clear fault codes. PCM with Datastream.
EcoSport	Partial systems read / clear fault codes. Partial datastream in PCM.
Edge	All systems read / clear fault codes. PCM with Datastream.
Escape	All systems read / clear fault codes. PCM with Datastream.
Escort	All systems read / clear fault codes. PCM with Datastream.
Excursion	Partial systems read / clear fault codes. Partial datastream in PCM.
Expedition	All systems read / clear fault codes. Partial datastream in PCM.
Expedition EL	Partial systems read / clear fault codes. Partial datastream in PCM.
Explorer	All systems read / clear fault codes. PCM with Datastream.

Explorer Sport	Partial systems read / clear fault codes. Partial datastream in PCM.
Explorer SportTrac	Partial systems read / clear fault codes. Partial datastream in PCM.
F-150	All systems read / clear fault codes. PCM with Datastream.
F-250	All systems read / clear fault codes. PCM with Datastream.
F-250 Light Duty	All systems read / clear fault codes. PCM with Datastream.
F-650	All systems read / clear fault codes. PCM with Datastream.
F-750	All systems read / clear fault codes. PCM with Datastream.
F-Series	All systems read / clear fault codes. PCM with Datastream.
F-Series Super Duty	All systems read / clear fault codes. PCM with Datastream.
Fiesta	All systems read / clear fault codes. Partial datastream in PCM.
Fiesta SE	All systems read / clear fault codes. Partial datastream in PCM.
Five Hundred	All systems read / clear fault codes. PCM with Datastream.
Flex	All systems read / clear fault codes. PCM with Datastream.
Focus	All systems read / clear fault codes. Partial datastream in PCM.
Focus C-Max	Partial systems read / clear fault codes. Partial datastream in PCM.
Freestar	All systems read / clear fault codes. Partial datastream in PCM.
Freestyle	All systems read / clear fault codes. PCM with Datastream.
Fusion	All systems read / clear fault codes. Partial datastream in PCM.
Galaxy	All systems read / clear fault codes. Partial datastream in PCM.
GT	Partial systems read / clear fault codes. Partial datastream in PCM.
i-Max	Partial systems read / clear fault codes. Partial datastream in PCM.
Ka	All systems read / clear fault codes. PCM with Datastream.
Kuga	Partial systems read / clear fault codes. Partial datastream in PCM.
Maverick	Partial systems read / clear fault codes. Partial datastream in PCM.
Mondeo	All systems read / clear fault codes. PCM with Datastream.
Mustang	All systems read / clear fault codes. PCM with Datastream.
Probe	All systems read / clear fault codes. PCM with Datastream.

Ranger	All systems read / clear fault codes. Partial datastream in PCM.
S-Max	Partial systems read / clear fault codes. Partial datastream in PCM.
Scorpio	Partial systems read / clear fault codes. Partial datastream in PCM.
Transit	All systems read / clear fault codes. PCM with Datastream.
Transit Connect	All systems read / clear fault codes. PCM with Datastream.
Taurus	All systems read / clear fault codes. PCM with Datastream.
Tourneo Connect	Partial systems read / clear fault codes. Partial datastream in PCM.
Thunderbird	All systems read / clear fault codes. Partial datastream in PCM.
Windstar	All systems read / clear fault codes. Partial datastream in PCM.

MAZDA / MODELS LIST

MODELS	FUNCTIONS / COVERAGE
Mazda 2	All systems read / clear fault codes. Partial datastream in PCM.
Mazda 3	All systems read / clear fault codes. Partial datastream in PCM.
Mazda 5	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda 6	All systems read / clear fault codes. Partial datastream in PCM.
Mazda 8	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda Atenza	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda Axela	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda CX-7	All systems read / clear fault codes. Partial datastream in PCM.
Mazda CX-9	All systems read / clear fault codes. Partial datastream in PCM.
Mazda Demio	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda Millenia	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda MPV	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda MX-6	All systems read / clear fault codes. PCM with Datastream.
Mazda RX-8	Partial systems read / clear fault codes. Partial datastream in PCM.
Mazda Tribute	All systems read / clear fault codes. PCM with Datastream.
Mazda Verisa	Partial systems read / clear fault codes. Partial datastream in PCM.

LINCOLN / MODELS LIST

MODELS	FUNCTIONS / COVERAGE
Aviator	Partial systems read / clear fault codes. Partial datastream in PCM.
Blackwood	Partial systems read / clear fault codes. Partial datastream in PCM.
Continental	All systems read / clear fault codes. Partial datastream in PCM.
LS	All systems read / clear fault codes. Partial datastream in PCM.
Mark LT	Partial systems read / clear fault codes. Partial datastream in PCM.
Mark III	All systems read / clear fault codes. Partial datastream in PCM.
MKS	All systems read / clear fault codes. PCM with Datastream.
MKT	All systems read / clear fault codes. PCM with Datastream.
MKX	All systems read / clear fault codes. PCM with Datastream.
MKZ	All systems read / clear fault codes. PCM with Datastream.
Navigator	All systems read / clear fault codes. Partial datastream in PCM.
Navigator L	Partial systems read / clear fault codes. Partial datastream in PCM.
Town Car	All systems read / clear fault codes. PCM with Datastream.

MERCURY / MODELS LIST

MODELS	FUNCTIONS / COVERAGE
Grand Marquis	All systems read / clear fault codes. PCM with Datastream.
Marauder	All systems read / clear fault codes. Partial datastream in PCM.
Mariner	All systems read / clear fault codes. PCM with Datastream.
Mariner Hybrid	Partial systems read / clear fault codes. Partial datastream in PCM.
Milan	All systems read / clear fault codes. Partial datastream in PCM.
Montego	All systems read / clear fault codes. PCM with Datastream.
Monterey	All systems read / clear fault codes. Partial datastream in PCM.
Mountaineer	All systems read / clear fault codes. PCM with Datastream.
Mystique	All systems read / clear fault codes. Partial datastream in PCM.
Sable	All systems read / clear fault codes. Partial datastream in PCM.
Tracer	All systems read / clear fault codes. Partial datastream in PCM.
Zephyr	Partial systems read / clear fault codes. Partial datastream in PCM.

POWER TRAIN SYSTEMS

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
PCM Power Control Module	+	+	+ (only some models)	+ (only some models)
TCM Transmission Control Module	+			+ (only some models)
CCM Cruise Control Module	+			
NGSC Next Generation Speed Control (Cruise control)	+			

TRACTION SYSTEMS

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
ABS Anti-Brake System	+		+ (only some models)	+ (only some models)
EPS Electrical Power Steering	+			+ (only some models)
SASM Steering Angle Sensor Module	+			
PSCM Power Steering Control Module	+			
VAPS Variable Assist Power Steering	+			
ARC Automated Ride Control	+			
4x4 4 Wheel Drive	+			
4WAS Air Suspension / EVO 4x2 & 4x4	+			
TCCM Transfer Case Control Module	+			
RASM Rear Air Suspension	+			
SARC Electric Suspension	+			
SASM Steering Angle Sensor Module	+			
PSCM Power Steering Control Module	+			
PBM Park Brake Control Module	+			

TBC
Trailer Brake Control Module

+

BODY SYSTEMS

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
IABM / ECS / RCM SRS / Airbag	+			
ICM Instrument Cluster Module	+			
IPC Instrument Panel Control Module	+			
VIC Virtual Image Cluster Module	+			
BCM Body Control Module	+			
BCM-B Body Control Module B	+			
TPM Tire Pressure Monitoring	+			
PATS Immobilizer	+	+		Key Program / Key Erase
RIM Remote Immobilizer Module	+			
RKE Remote Keless Entry	+			
RAP Remote Antitheft Module	+			
RFA Remote Function ActuatorRCU	+			
CSM Central Security Module	+			
VSM Vehicle Security Module	+			

GEM Generic Electrical Module	+			+	(only some models)
PBM Park Brake Control Module	+				
PAM Parking Aid Module	+				
HEC Hybrid Electrical Cluster	+				
HCM Headlamp Control Module	+				
HCM-2 Headlamp Control Module 2	+				
LCM Lamp / Lighting Control Module	+				
FLM Front Lighting Control Module	+				
AFS Adaptive Front-lighting System	+				
RHID Right High Intensity Discharge Lamp	+				
LHID Left High Intensity Discharge Lamp	+				
RLCM-A Rear Lighting Control Module A	+				
ILCM Interior Lighting Control Module	+				
RCC Remote Climate Control	+				
CTM Central Timer Module	+				
DSM	+				

Driver Seat Module				
DDM Driver Door Module	+			
DCSM Driver / Dual Climate-Controlled Seat Module	+			+
FFH Fuel Fired Coolant Heating	+			(only some models)
LTM Liftgate / Trunk Module	+			
VDM Vehicle Dynamics Module	+			
RESC Remote Emergency Satellite Unit	+			
AFCM Alternate Fuel Control Module	+			
RVM Rear Vehicle Monitoring	+			
APIM Accessory Protocol Interface Module	+			
PRB Power Running Board	+			
BECM Battery Energy Control Module	+			
CDIM Circuit Deactivation Ignition Module	+			
DCDC DC to DC Converter Control Module	+			
OCSM Occupant Classification System Module	+			
SCCM Steering Column Control Module	+			

SOD-L Side Obstacle Detection Control Module, Left	+			
SOD-R Side Obstacle Detection Control Module, Right	+			
SRM Speech Recognition Module	+			

INFORMATION / COMMUNICATION

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
ACM Audio Control Module	+			
ACU Audio Control Unit	+			
RCU Audio Rear Control Unit	+			
RETM Rear Entertainment Module	+			
DSP Audio Digital Signal Processing Module	+			
SDARS Satellite Digital Audio Receiver System	+			
OTC Overhead Trip Computer	+			
MCM Information System	+			
MID Multi-information Display	+			
HUD Head Up Display	+			
FCDIM Front Control / Display Interface Module	+			
FDIM Front Display Interface Module	+			
REM Rear Electrical Module	+			
GPSM Global Positioning System Module	+			

AIR CONDITION

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
EATC / HVAC Air Conditioning	+			
AHCM Auxiliary Heater Control Module	+			

MODULE PROGRAMMING / ADAPTATIONS

MODULE	YEAR	FUNCTION DESCRIPTION
FOCUS 2.0L Diesel	2003-2005	Injector correction factors
Mondeo Tdci 2.0L	2007-2009	EPS Configuration 1. The steering angle sensor 2. The yaw rate sensor 3. The lateral acceleration sensor 4. The longitudinal acceleration sensor PCM Service functions 1. Reset the intake air throttle valve learned values 2. Reset the EGR valve learned values 3. Reset Keep alive memory(KAM) 4. Reset the Diesel Particulate Filter(DPF)learned values 5. Reset Differential Pressure Sensor(DPS)learned values 6. Reset the water in fuel warning indicator 7. Reset the knock sensor learned values 8. Reset the fuel metering valve learned values 9. Fuel injector correction factors

SPECIALFUNCTIONS/ADAPTATIONS

1. GEM
 - o Read "Factory Keyless Entry Code"
 - o Remote Keyless Entry
2. PCM / Engine:
 - o Power Balance
 - o Injector Disable
 - o KAM Reset
 - o Passenger System Reset (with OCSM)
3. TCM / Transmission: Clar Adaptative Table
4. ABS Bleeding for
 - o F150 4.2L 2004 – 2006
 - o F150 4.6L 2004 – 2006
 - o F150 5.4L 2004 – 2006
 - o Fusion 3.0L 2011
5. ABS G-sensor Calibration
6. EPS Module Programming for
 1. Focus 1.8L AT 2005 – 2008
 2. Focus 2.0L AT 2006 – 2009
 3. Focus C-Max 2.0L AT 2006 – 2009
 4. Mazda 3 2.0L (Euro STG3/4/5 and General Specs.) – 2007
 5. Mazda 3 2.0L (LF Engine Type) – 2007
 6. Mazda 5 1.8L – 2007
 7. Mazda 5 2.0L – 2007
 8. Mazda 5 2.3L – 2007