



**FORD® / MAZDA®** All Models Equipped with OBD-II Connectors

**VERSION: 2012.02 DATE: Feb., 2012**

## **FORD / MODELS LIST**

<b>MODELS</b>	<b>FUNCTIONS / COVERAGE</b>
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
<b>PCM</b> Power Control Module	✓	✓	✓ (only some models)	✓ (only some models)
<b>TCM</b> Transmission Control Module	✓			✓ (only some models)
<b>CCM</b> Cruise Control Module	✓			
<b>NGSC</b> Next Generation Speed Control (Cruise control)	✓			

## TRACTION SYSTEMS

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



# Specification

<b>TBC</b> Trailer Brake Control Module	✓			
--	---	--	--	--

## BODY SYSTEMS

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

# Specification

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

# Specification

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

# Specification

<b>SOD-L</b> Side Obstacle Detection Control Module, Left	✓			
<b>SOD-R</b> Side Obstacle Detection Control Module, Right	✓			
<b>SRM</b> Speech Recognition Module	✓			

## INFORMATION / COMMUNICATION

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

## AIR CONDITION

SYSTEM	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
<b>EATC / HVAC</b> Air Conditioning	✓			
<b>AHCM</b> 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	<p>EPS Configuration</p> <ol style="list-style-type: none"> <li>1. The steering angle sensor</li> <li>2. The yaw rate sensor</li> <li>3. The lateral acceleration sensor</li> <li>4. The longitudinal acceleration sensor</li> </ol> <p>PCM Service functions</p> <ol style="list-style-type: none"> <li>1. Reset the intake air throttle valve learned values</li> <li>2. Reset the EGR valve learned values</li> <li>3. Reset Keep alive memory(KAM)</li> <li>4. Reset the Diesel Particulate Filter(DPF)learned values</li> <li>5. Reset Differential Pressure Sensor(DPS)learned values</li> <li>6. Reset the water in fuel warning indicator</li> <li>7. Reset the knock sensor learned values</li> <li>8. Reset the fuel metering valve learned values</li> <li>9. Fuel injector correction factors</li> </ol>



## **SPECIAL FUNCTIONS / ADAPTATIONS**

1. GEM
  - Read “Factory Keyless Entry Code”
  - Remote Keyless Entry
2. PCM / Engine:
  - Power Balance
  - Injector Disable
  - KAM Reset
  - Passenger System Reset (with OCSM)
3. TCM / Transmission: Clar Adaptative Table
4. ABS Bleeding for
  - F150 4.2L 2004 – 2006
  - F150 4.6L 2004 – 2006
  - F150 5.4L 2004 – 2006
  - 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

The information contained herein is the exclusive property of Autoland Scientech® and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of Autoland Scientech®. Autoland Scientech® reserve the right to make any change without notice. The trademarks mentioned belong to the owners.