



Total Diagnostic Solution

4 in 1

For **CHRYSLER**
FORD
GM
OBD-II

Specification

iSCAN-II USA PKG YUP 2009 EN

EN / English Version
June, 2009

AUTOLAND
S C I E N T E C H



CHRYSLER® (CAN-protocol)

Version: V1.00 Date: March, 2008

POWER TRAIN SYSTEM

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
PCM (Power-train Control Module)	2003~2007	✓		
TCM (Transmission Control Module)	2003~2007	✓		
ESM (Electronic Shifter Module)	2003~2007	✓		

CHASSIS SYSTEM

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
ABS (Anti Lock Brakes)	2003~2007	✓		

BODY SYSTEM

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
AHBM (Automatic High Beam Module)	2003~2007	✓		
DDM (Drivers Door Module)	2003~2007	✓		
EOM (Electronic Overhead Module)	2003~2007	✓		
FCM (Front Control Module)	2003~2007	✓		
FDCM (Final Drive Control Module)	2003~2007	✓		
HIDT (High Intensity Discharge Translator)	2003~2007	✓		
HSM (Heated Seat Module)	2003~2007	✓		
ITM (Intrusion Module)	2003~2007	✓		
LRSM (Light Rain Sensor Module)	2003~2007	✓		

BODY SYSTEM

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
MSMD (Memory Seat Module)	2003~2007	✓		
OCM (Occupant Classification Module)	2003~2007	✓		
ORC (Occupant Restraint Controller)	2003~2007	✓		
PLGM (Power Lift Gate Module)	2003~2007	✓		
PDM (Passengers Door Module)	2003~2007	✓		
PTS (Parktronic)	2003~2007	✓		
SCM (Steering Column Module)	2003~2007	✓		
SUNR (Sunroof Module)	2003~2007	✓		

INFORMATION AND COMMUNICATION

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
AMP (Amplifier)	2003~2007	✓		
CCN (Cabin Compartment Node)	2003~2007	✓		
HFM (Hands Free Module)	2003~2007	✓		
RADIO	2003~2007	✓		
SDAR (Satellite Digital Radio)	2003~2007	✓		
VES (Vehicle Entertainment System)	2003~2007	✓		
WCM (Wireless Control Module)	2003~2007	✓		

AIR CONDITION

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ADAPTATION
HVAC (Heat Ventilation and A/C)	2003~2007	✓		

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FORD[®] Group OEM 1994-2008

VERSION: 1.01 DATE: SEPTEMBER, 2008

FUNCTIONS CATEGORY

SYSTEM	FUNCTION DESCRIPTION
PCM / ENGINE /AT	Engine / Auto Transmission, Automatic Protocol Selection
TRACTION	ABS, 4WD, Suspension
CLIMATE	Climate Control
IMMOBILIZER	PCM, VIC, HEC, ICM, PATS, PATS3, PATS4, Manual Selection
BODY SYSTEMS	All Electric Body Control Systems
SPECIAL FUNCTION	Keyless Entry / Door Code

POWER TRAIN SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
PCM	Engine FORD: Mondeo / Metrostar, Escort, Taurus, Transit, Probe, MX-6, Explorer, Scorpio, Town Car, Windstar, Focus, Escape, KA, Mustang, Thunderbird, Cougar, Continental, Crown Victoria, Marquis, E-series, F-series, Ranger, Aspire, Tracer, Mystique, Sable, Mark VIII, Aerostar, Bronco, Contour, Expedition, Mountaineer, Navigator, Fiesta, LS, Courier, Excursion, Blackwood, Aviator, Econoline, Freestar, Monterey MAZDA: Tribute, Demio, Mazda2, Mazda 3, Mazda5, Mazda 6, Mazda8, MPV, RX-8, Verisa, Atenza, Axela	1994-2005	✓	✓	✓	
		2005-2007	✓	✓	✓	
		2004-2007	✓	✓	✓	
		2002-2007	✓	✓	✓	
	AT FORD: Mondeo / Metrostar, Escort, Taurus, Transit, Probe, MX-6, Explorer, Scorpio, Town Car, Windstar, Focus, Escape, KA, Mustang, Thunderbird, Cougar, Continental, Crown Victoria, Marquis, E-series, F-series, Ranger, Aspire, Tracer, Mystique, Sable, Mark VIII, Aerostar, Bronco, Contour, Expedition, Mountaineer, Navigator, Fiesta, LS, Courier, Excursion, Blackwood, Aviator, Econoline, Freestar, Monterey MAZDA: Tribute, Demio, Mazda2, Mazda 3, Mazda5, Mazda 6, Mazda8, MPV, RX-8, Verisa, Atenza, Axela FORD: Mondeo Tdci 2.0L FORD: Mondeo Tdci 2.2L, Focus Tdci 1.6L FORD: Fusion Tdci 1.4L	1994-2005	✓	✓	✓	
		2005-2007	✓	✓	✓	
		2002-2007	✓	✓	✓	

TRACTION SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
ABS	FORD: Mondeo / Metrostar, Escort, Taurus, Transit, Explorer, Scorpio, Town Car, Windstar, Focus, Escape, E250	1995-2005	✓	✓	✓	
	MAZDA: Tribute, Mazda 3, Mazda 6, Demio, Mazda2, Mazda5, Mazda8, MPV, RX-8, Verisa, Atenza, Axela					
	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
	Crown Victoria 4.6L	1995-2004	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1997-2004	✓	✓	✓	
	F150 7.3L	2000	✓	✓	✓	
	F250 4.6L	1997-2001	✓	✓	✓	
	F250 5.4L	1997-2002	✓	✓	✓	
	F250 5.8L / 7.5L / F350 NGV 5.4L / 4.6L / 5.4L / 5.8L / 7.5L	1997	✓	✓	✓	
	F350 5.4L, F250/F350/F450/F550 6.8L, F250/F350/F450/F550 7.3L	1999-2002	✓	✓	✓	
	F800 5.9L CUMMINS, F650/F750 7.2L Diesel	2001-2004	✓	✓	✓	
	F800 3126E-CAT, F650/F750 5.9L Diesel, F800 7.3L Diesel, F800 7.3L Diesel	2001-2003	✓	✓	✓	
	F650/F750 7.3L Diesel	2000-2003	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001-2002	✓	✓	✓	
	F-Series 3.9L/4.2L/7.3L Diesel, F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	F-Series 6.0L Diesel, F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	Excursion 5.4L/6.8L	2000-2005	✓	✓	✓	
	Excursion 7.3L	2000-2003	✓	✓	✓	
	Excursion 6.0L Diesel	2003-2005	✓	✓	✓	
	Expedition 4.6L/5.4L	1997-2004	✓	✓	✓	
	Mondeo Tdci 2.0L	2005-2007	✓	✓	✓	
Mondeo Tdci 2.2L	2004-2007	✓	✓	✓		
Focus Tdci 1.6L	2004-2007	✓	✓	✓		
Fusion Tdci 1.4L	2002-2007	✓	✓	✓		

TRACTION SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
ARC (4WD)	Explorer	1998-1999	✓	✓	✓	
	Explorer 4.0L/5.0L	1996-1997	✓	✓	✓	
	Explorer 4.0L/5.0L	2000-2001	✓	✓	✓	
4X4	Explorer 4.0L/4.6L	2002	✓	✓	✓	
	Explorer Sport 4.0L	2002-2003	✓	✓	✓	
4WAS (Air suspension / EVO 4X2 & 4X4)	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Expedition 4.6L/5.4L	1997-2002	✓	✓	✓	
RASM (Rear air suspension)	Town Car	1998-1999	✓	✓	✓	
	Crown Victoria 4.6L	2003-2004	✓	✓	✓	
SARC (Electric suspension)	Taurus	1996-1999	✓	✓	✓	

AIR CONDITION

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
EATC (Air Condition)	Mondeo / Metrostar, Explorer, Town Car, Mazda5, Axela	1998-2005	✓	✓	✓	
	Focus 2.3L	2004-2005	✓	✓	✓	
	Focus 1.8L/2.0L	2005	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
	Crown Victoria 4.6L	1995-2004	✓	✓	✓	
	Expedition 4.6L/5.4L	1997	✓	✓	✓	
	Expedition 4.6L/5.4L	1999-2002	✓	✓	✓	
	Explorer 4.0L/5.0L	1996-1997	✓	✓	✓	
	Focus Tdci 1.6L	2004-2007	✓	✓	✓	

BODY SYSTEMS, SRS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
IABM/ECS/RCM (SRS / Airbag)	FORD: Mondeo / Metrostar, Taurus, Explorer, Town Car, Windstar, Focus, Escape, E250	1995-2005	✓	✓	✓	
	MAZDA: Mazda Tribute, Mazda 3, Mazda 6, Demio, Mazda2, Mazda5, MPV, RX-8, Verisa, Atenza, Axela					
	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Continental 4.6L	1996-2002	✓	✓	✓	
	Crown Victoria 4.6L	1996-2004	✓	✓	✓	
	Escort 2.0L	1998-2003	✓	✓	✓	
	Excursion 5.4L/6.8L	2000-2005	✓	✓	✓	
	Excursion 7.3L, Excursion 6.0L Diesel	2000-2003	✓	✓	✓	
	Expedition 4.6L/5.4L	1997-2005	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1997-2004	✓	✓	✓	
	F150 7.3L	2000	✓	✓	✓	
	F250 4.6L	1997-2001	✓	✓	✓	
	F250 5.4L	1997-2002	✓	✓	✓	
	F250 5.8L/7.5L, F250/F350 NGV 5.4L, F350 4.6L/5.4L/5.8L/7.5L	1997	✓	✓	✓	
	F350 5.4L, F250/F350/F450/F550 6.8L	1999-2002	✓	✓	✓	
	F250/F350/F450/F550 7.3L	1999-2000	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001-2002	✓	✓	✓	
	F-Series 3.9L/7.3L Diesel, F-Series 4.2L Diesel, F- Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	F-Series 6.0L Diesel, F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	Mondeo Tdci 2.0L	2005-2007	✓	✓	✓	
	Mondeo Tdci 2.2L	2004-2007	✓	✓	✓	
	Focus Tdci 1.6L	2004-2007		✓	✓	

BODY SYSTEMS, INSTRUMENT CLUSTER

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
ICM (Instrument cluster)	Windstar ,Mazda3, Mazda 6, Focus, Demio, Mazda2, Mazda5, RX-8, Verisa, Atenza, Axela, E250	1999-2005	✓	✓	✓	
	Escape 2.3L/3.0L, Tribute 2.3L	2005	✓	✓	✓	
	Metrostar, Escape 2.0L/3.0L, Tribute 2.0L/3.0L	2000-2004	✓	✓	✓	
	Expedition 4.6L/5.4L	2003-2004	✓	✓	✓	
	Explorer 4.0L/4.6L	2002-2003	✓	✓	✓	

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
RIM (Remote immobilizer module)	Mondeo / Metrostar, Escort, Transit	1997-1999		✓	✓	
	F-Series 3.9L/7.3L Diesel	2001		✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001		✓	✓	
CSM (Central security module)	Mondeo / Metrostar, Focus,	1998-2000	✓	✓	✓	
GEM (Generic elec. module)	Mondeo / Metrostar, Taurus, Explorer, Windstar, Escape / Mazda Tribute, Focus, Mazda5, Atenza, Axela	1996-2005	✓	✓	✓	
	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Excursion 5.4L/6.8L	2000-2005	✓	✓	✓	
	Excursion 7.3L	2000-2003	✓	✓	✓	
	Excursion 6.0L Diesel	2003-2005	✓	✓	✓	
	Expedition 4.6L/5.4L	1997-2002	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1997-2004	✓	✓	✓	
	F150 7.3L	2000	✓	✓	✓	
	F250 4.6L	1997-2001	✓	✓	✓	
	F250 5.4L	1997-2002	✓	✓	✓	
	F250 5.8L/7.5L, F250/F350 NGV 5.4L	1997	✓	✓	✓	
	F350 4.6L/5.4L/5.8L/7.5L	1997	✓	✓	✓	
	F350 5.4L	1999-2002	✓	✓	✓	
	Focus Tdci 1.6L	2004-2007	✓	✓	✓	
	Fusion Tdci 1.4L	2002-2007	✓	✓	✓	

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
GEM (Generic electric module)	F250/F350/F450/F550 6.8L	1999-2002	✓	✓	✓	
	F250/F350/F450/F550 7.3L	1999-2000	✓	✓	✓	
	F800 5.9L CUMMINS	2001-2004	✓	✓	✓	
	F800 3126E-CAT	2001-2003	✓	✓	✓	
	F650/F750 7.3L Diesel	2000-2003	✓	✓	✓	
	F650/F750 5.9L Diesel	2001-2003	✓	✓	✓	
	F650/F750 7.2L Diesel	2001-2004	✓	✓	✓	
	F800 7.3L Diesel	2001-2003	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001-2002	✓	✓	✓	
	F-Series 3.9L/4.2L/7.3L Diesel	2001	✓	✓	✓	
	F-Series 6.0L Diesel	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	
ACM (Audio control module)	Mondeo / Metrostar, Town Car	1998-2003	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
HEC (Hybrid electrical cluster)	Mondeo / Metrostar, Town Car, Focus	1998-2003	✓	✓	✓	
	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Excursion 5.4L/6.8L	2002-2005	✓	✓	✓	
	Excursion 7.3L	2002-2003	✓	✓	✓	
	Excursion 6.0L Diesel	2003-2005	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1999-2004	✓	✓	✓	
	F250 4.6L	1999-2001	✓	✓	✓	
	F250 5.4L	1999-2002	✓	✓	✓	
	F350 5.4L	2001-2002	✓	✓	✓	
	F250/F350/F450/F550 6.8L	2002	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2002	✓	✓	✓	
	F-Series 6.0L Diesel	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
RHID (Right hi-intensity discharge lamp)	Mondeo / Metrostar, Atenza	2000-2005	✓	✓	✓	
LHID (Left high intensity discharge lamp)	Mondeo / Metrostar, Atenza	2000-2005	✓	✓	✓	
RAP (Remote antitheft module)	Taurus, Explorer, Windstar	1996-1999	✓	✓	✓	
	Escort 2.0L	1997-2003	✓	✓	✓	
	Expedition 4.6L/5.4L	1997-2002	✓	✓	✓	
	Explorer 4.0L/5.0L	2000-2001	✓	✓	✓	
	Explorer Sport 4.0L	2002-2003	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1997-2004	✓	✓	✓	
	F250 4.6L/5.4L	1997-2001	✓	✓	✓	
	F250 5.8L/7.5L	1997	✓	✓	✓	
	F250/F350 NGV 5.4L	1997	✓	✓	✓	
	F350 4.6L/5.4L/5.8L/7.5L	1997	✓	✓	✓	
	F350 5.4L	1999	✓	✓	✓	
	F350 5.4L	2001	✓	✓	✓	
	RCC (Remote climate control)	Taurus	1996-1999	✓	✓	✓
CTM (Central timer module)	Explorer, Focus	1998-2000	✓	✓	✓	
	Explorer 4.0L/5.0L	2001	✓	✓	✓	
	F150 4.2L/4.6L/5.4L	1999-2004	✓	✓	✓	
	F150 7.3L	2000	✓	✓	✓	
	F250 4.6L/5.4L	1999-2001	✓	✓	✓	
	F350 5.4L	1999-2001	✓	✓	✓	
	F250/F350/F450/F550 6.8L	1999-2001	✓	✓	✓	
	F250/F350/F450/F550 7.3L	1999-2000	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001	✓	✓	✓	
	F-Series 3.9L/7.3L Diesel	2001	✓	✓	✓	
	F-Series 4.2L Diesel	2001	✓	✓	✓	
F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓		

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
DSM (Driver seat module)	Explorer, Town Car	1998-1999	✓	✓	✓	
	Blackwood 5.4L	2002-2003	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
	Crown Victoria 4.6L	1995-1997	✓	✓	✓	
	Expedition 4.6L/5.4L	2001-2002	✓	✓	✓	
	Explorer 4.0L/5.0L	2000-2001	✓	✓	✓	
	Explorer 4.0L/4.6L	2002	✓	✓	✓	
DDM (Drivers door module)	Town Car, Windstar	1998-1999	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
	Crown Victoria 4.6L	1995-2004	✓	✓	✓	
LCM (Lamp control module)	Town Car	1998-1999	✓	✓	✓	
	Crown Victoria 4.6L	1995-2004	✓	✓	✓	
	Continental 4.6L	1995-2002	✓	✓	✓	
FFH (Fuel fired coolant heating)	Focus, Mazda5, MPV	2000-2005	✓	✓	✓	
MCM (Information system)	Focus, Windstar	1999-2000	✓	✓	✓	
	Crown Victoria 4.6L	2003-2004	✓	✓	✓	
REM (Rear electrical module)	Windstar	1999	✓	✓	✓	
RKE (Remote keyless entry)	Demio, Mazda5, RX-8, Verisa, Atenza	-2005	✓	✓	✓	
TPM (Tire pressure monitor)	Mazda5, RX-8	-2005	✓	✓	✓	
	Explorer 4.0L/4.6L	2002-2003	✓	✓	✓	
EPS (Electrical Controlled power steering)	Demio, Mazda5, RX-8, Verisa, Axela	-2005	✓	✓	✓	
	Focus 2.3L	2004-2005	✓	✓	✓	
	Focus 1.8L/2.0L	2005	✓	✓	✓	
	Mazda3 2.0L	~2006	✓	✓	✓	
	Focus Tdci 1.6L	2004-2007	✓	✓	✓	

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
PAM (Parking aid module)	Blackwood 5.4L	2002-2003	✓	✓	✓	
	F250/F350 5.4L	2002	✓	✓	✓	
	F250/F350/F450/F550 6.8L	2001-2002	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001-2002	✓	✓	✓	
	F-Series 3.9L/7.3L Diesel	2001	✓	✓	✓	
	F-Series 4.2L Diesel	2001	✓	✓	✓	
	F-Series 6.0L Diesel	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	
LTM (Liftgate / Trunk module)	Blackwood 5.4L	2002-2003	✓	✓	✓	
VDM (Vehicle dynamics module)	Continental 4.6L	1995-2002	✓	✓	✓	
VIC (Virtual Image Cluster module)	Continental 4.6L	1995-2002	✓	✓	✓	
NGSC (Cruise control)	Continental 4.6L	1996-2002	✓	✓	✓	
	Town Car, Windstar	1998-1999	✓	✓	✓	
RESC (Remote emergency satellite unit)	Continental 4.6L	1996-2002	✓	✓	✓	
AFCM (Alternate fuel control module)	Crown Victoria 4.6L	1996-2004	✓	✓	✓	
	F250/F350 NGV 5.4L	1997	✓	✓	✓	
	F150 4.2L/4.6L	1998	✓	✓	✓	
	F150 5.4L	1999	✓	✓	✓	
	F150 5.4L	2002-2004	✓	✓	✓	
	F250 4.6L	1998	✓	✓	✓	
	F250 5.4L	1998-2001	✓	✓	✓	
	F350 5.4L	2001	✓	✓	✓	
	F250/F350/F450/F550 6.8L	2000-2001	✓	✓	✓	
F-Series 6.8L	2001	✓	✓	✓		
VAPS (Variable assist power steering)	Crown Victoria 4.6L	2003-2004	✓	✓	✓	

BODY SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
OTC (Overhead trip computer)	Excursion 5.4L/6.8L	2000-2005	✓	✓	✓	
	Excursion 7.3L	2000-2003	✓	✓	✓	
	Excursion 6.0L Diesel	2003-2005	✓	✓	✓	
	F150 7.3L	2000	✓	✓	✓	
	F350 5.4L	1999-2000	✓	✓	✓	
	F250/F350 5.4L	2002	✓	✓	✓	
	F250/F350/F450/F550 6.8L	1999-2002	✓	✓	✓	
	F250/F350/F450/F550 7.3L	1999-2000	✓	✓	✓	
	F150/F250/F350/F450/F550 7.3L Diesel	2001-2002	✓	✓	✓	
	F-Series 3.9L/7.3L Diesel	2001	✓	✓	✓	
	F-Series 4.2L Diesel	2001	✓	✓	✓	
	F-Series 6.0L Diesel	2003-2004	✓	✓	✓	
	F-Series 7.3L Diesel	2003	✓	✓	✓	
	F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	F-Series 5.4L/6.8L	2003-2004	✓	✓	✓	

IMMOBILIZER SYSTEMS

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
PATS (Immobilizer)	Transit	1996-1997	✓	✓	✓	
	Transit	1998-1999	✓	✓	✓	Key program / Key erase
	Courier, Transit	2000		✓	✓	Key program / Key erase
	Scorpio	1998	✓	✓	✓	
	Escape, Tribute	2000-2005		✓	✓	Key program / Key erase
	Escape 2.3L, Tribute 2.3L	2005	✓	✓	✓	Key program / Key erase
	Focus	2000-2003		✓	✓	Key program / Key erase
	Focus 2.0L	2004-2005		✓	✓	Key program / Key erase
	Focus 2.0L Diesel	2003-2005	✓	✓	✓	Key program / Key erase
	Taurus	1996-1997	✓	✓	✓	
	Taurus	1998-1999	✓	✓	✓	Key program / Key erase
	Taurus	2000-2003		✓	✓	Key program / Key erase
	Taurus	2004-2005	✓	✓	✓	Key program / Key erase
	Ka	2001		✓	✓	Key program / Key erase
	Contour, Fiesta	1998-2000		✓	✓	Key program / Key erase
	Crown Victoria, Grand marquis	1998-2002	✓	✓	✓	Key program / Key erase
	Crown Victoria, Grand marquis	2003-2004		✓	✓	Key program / Key erase
	Cougar	1999-2002		✓	✓	Key program / Key erase
	Expedition 4.6L/5.4L	1997-1998	✓	✓	✓	

IMMOBILIZER SYSTEMS (continued)

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
PATS (Immobilizer)	Expedition, Navigator	1999-2002	✓	✓	✓	Key program / Key erase
	Aviator, Expedition	2003-2005		✓	✓	Key program / Key erase
	Monterey, Freestar	2004-2005		✓	✓	Key program / Key erase
	Mountaineer	1998-2001	✓	✓	✓	Key program / Key erase
	Mountaineer	2002-2003		✓	✓	Key program / Key erase
	Explorer	1998-2000	✓	✓	✓	Key program / Key erase
	Explorer	2001-2003		✓	✓	Key program / Key erase
	Explorer	2004-2005	✓	✓	✓	Key program / Key erase
	Windstar	1998	✓	✓	✓	
	Ranger, Windstar	1999-2000	✓	✓	✓	Key program / Key erase
	Windstar	2001-2003		✓	✓	Key program / Key erase
	Ranger	2001-2005		✓	✓	Key program / Key erase
	Mystique, Mondeo	1998-2000		✓	✓	Key program / Key erase
	Mondeo	1996-1997	✓	✓	✓	Key erase
	Sable	1998-1999	✓	✓	✓	Key program / Key erase

IMMOBILIZER SYSTEMS (continued)

SYSTEM	MODEL	YEAR	DATA STREAM	READ CODE	CLEAR CODE	ADAPTATION
PATS (Immobilizer)	Sable	2000-2003		✓	✓	Key program / Key erase
	Navigator, Towncar	2003-2005		✓	✓	Key program / Key erase
	Blackwood	2000-2003	✓	✓	✓	Key program / Key erase
	Continental, Town car	1998-2002	✓	✓	✓	Key program / Key erase
	F150	1999-2004	✓	✓	✓	Key program / Key erase
	F150	2005	✓	✓	✓	Key program / Key erase
	F-SERIES S-DUTY	1999-2002	✓	✓	✓	Key program / Key erase
	F-Series 3.9L/7.3L Diesel	2001	✓	✓	✓	
	F-Series 4.2L Diesel	2001	✓	✓	✓	
	F-Series 4.2L/5.4L/6.8L	2001	✓	✓	✓	
	Mustang	1998-2004	✓	✓	✓	Key program / Key erase
	Excursion, Lincoln LS	2000-2005	✓	✓	✓	Key program / Key erase
	Thunderbird	2002-2005	✓	✓	✓	Key program / Key erase

MODULE PROGRAMMING

MODULE	YEAR	FUNCTION DESCRIPTION
FOCUS 2.0L Diesel	2003-2005	Injector correction factors

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GM[®] for North America 1996-2006 (CAN and non-CAN)
Version: V1.00 Date: March, 2008

SYSTEM	YEAR	FUNCTIONS				CONNECTOR
		READ FAULT CODE	CLEAR FAULT CODE	DATA STREAM	VIN INFORMATION	
ENGINE & TRANSMISSION	1996~2006	✓	✓	✓ (NOTE1)	✓	OBD-II connector
ABS	1996~2006	✓	✓			OBD-II connector
SRS (AIRBAG)	1996~2006	✓	✓			OBD-II connector
OIL RESET	1996~2005	READ / SETTING (NOTE2) the reset can be done by 0%,25%,50%,75%,100% of the oil life.				OBD-II connector

NOTE:

1. For Engine / Transmission system, only the ECU adapted VPW 1850 protocol supports data stream function.
2. NOT all models are supported for oil service reset.

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OBD-II ISO 9141 and ISO 14230 / KWP-2000 / SAE 1850 VPW / SAE 1850 PWM / ISO 15765 CAN

Version: 1.01 Date: July, 2008

⌘ VEHICLES:

Vehicle Powertrain system adopt :

- ISO 9141 (using adaptor OBDII-IM5)
- ISO 14230/KWP-2000 (using adaptor OBDII-IM5)
- SAE 1850 VPW (using adaptor OBDII-IM5)
- SAE 1850 PWM (using adaptor OBDII-IM5)
- ISO 15765 CAN (using adaptor OBDII-IM5)

1 Model Year: 1996 and Later

⌘ AVAILABLE TESTS:

1 & 2. Read and Clear DTC

- Read & Clear Diagnostic Trouble Codes (DTC's) (OBD-II Mode 3 & 4)
- Read Diagnostic Trouble Codes (DTC's)
- Reset DTC's and Freeze Frame data.

3. Data Stream

- Pid Status (OBD-II Mode 1)
- Parameter Identification (PID) information
- Status and Readiness of PID's
- Live PID information
- Read Live Data (OBD-II Mode 6, 7 & 8)

4. Freeze Frame

- "Freeze Frame" data for Diagnostic Trouble Codes (DTC). (OBD-II Mode 2)

5. Readiness Status

- "Monitoring function" operating status.

6. O₂S Monitoring

- Oxygen Sensor operation and testing. (OBD-II Mode 5)

7. Data Scan-Waveform

- RPM signal / O₂ sensor signal / Mass air flow sensor signal / Ignition timing / TPS signal / MAP sensor signal