

## Bars Professional



VERSION: 2V07 DATE: SEP, 2013

### CAN PROTOCOL

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTION
<b>PCM</b> Powertrain Control Module	2004~2012	+	+	+ (~2007)	Exhaust Throttle Plate Adaptive Learn Position
<b>TCM</b> Transmission Control Module	2004~2012	+	+	+ (~2007)	Reset Learned Adaptives
<b>ESM</b> Electronic Shifter Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>ACC</b> Adaptive Cruise Control (LCM1)	2004~2012	+	+ (~2007)		
<b>APM</b> Accessory Power Module (Hybrid)	2008~2012	+			
<b>HCP</b> Hybrid Control Processor	2008~2012	+			
<b>MCPA</b> Motor Control Processor A	2008~2012	+			
<b>MCPB</b> Motor Control Processor B	2008~2012	+			

**CHASSIS SYSTEM**

<b>SYSTEM</b>	<b>YEAR</b>	<b>READ / CLEAR FAULT</b>	<b>DATA STREAM</b>	<b>ACTIVATION</b>	<b>ADAPTATION</b>
<b>ABS</b> Anti Lock Brakes	2004~2012	+	+	+ (~2007)	Initialize Steering Angle Sensor Program Tire Size
<b>AWD</b> All Wheel Drive	2004~2012	+	+ (~2007)	+ (~2007)	
<b>EPS</b> Electric Power Steering	2008~2012	+			
<b>SAS</b> Steering Angle Sensor	2004~2012	+	+ (~2007)		
<b>ELSD</b> Electronic Limited Slip Differential	2008~2012	+			
<b>ASCM</b> Air Suspension Control Module	2008~2012	+			
<b>FDCM</b> Final Drive Control Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>DTCM</b> Drive Train Control Module	2008~2012	+			
<b>ITBM</b> Integrated Trailer Brake Module	2008~2012	+			
<b>TPM</b> Tire Pressure Monitor	2008~2012	+			
<b>PTCM</b> Power Top Control Module	2004~2012	+	+ (~2007)		
<b>ASBS</b> Automatic Sway Bar System	2004~2012	+	+ (~2007)		

**BODY SYSTEM**

<b>SYSTEM</b>	<b>YEAR</b>	<b>READ / CLEAR FAULT</b>	<b>DATA STREAM</b>	<b>ACTIVATION</b>	<b>ADAPTATION</b>
<b>ORC</b> Occupant Restraint Controller	2004~2012	+	+ (~2007)	+ (~2007)	
<b>IPC</b> Instrument Panel Cluster	2008~2012	+			
<b>CCN</b> Cabin Compartment Node	2004~2012	+	+ (~2007)	+ (~2007)	Service Interval(GAS/DIESEL) Unlock Driver Door On 1st Press Auto Door Lock Auto Door Unlock Change Measurement Units Seatbelt Alert System Language Preference Turn By Turn Navigation
<b>FCM</b> Front Control Module	2004~2012	+	+ (~2007)	+ (~2007)	Program Tire Size
<b>WCM</b> Wireless Control Module	2004~2012	+	+ (~2007)		Program Tire Sensor ID Program Ignition Keys Program Key FOBs Erase Ignition Key
<b>DDM</b> Drivers Door Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>PDM</b> Passengers Door Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>PTS</b> Parktronics	2004~2012	+	+ (~2007)	+ (~2007)	
<b>SCM</b> Steering Column Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>SCCM</b> Steering Column Control Module	2008~2012	+			
<b>LRSM</b> Light Rain Sensor Module	2004~2012	+	+ (~2007)		
<b>AHBM</b> Automatic High Beam Module	2004~2012	+	+ (~2007)		

<b>SYSTEM</b>	<b>YEAR</b>	<b>READ / CLEAR FAULT</b>	<b>DATA STREAM</b>	<b>ACTIVATION</b>	<b>ADAPTATION</b>
<b>HIDT</b> High Intensity Discharge Translator	2004~2012	+	+ (~2007)	+ (~2007)	
<b>AFLS</b> Adaptive Front Lighting System	2008~2012	+			
<b>ITM</b> Intrusion Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>DMFL</b> Door Module Front Left	2004~2012	+	+ (~2007)	+ (~2007)	
<b>DMFR</b> Door Module Front Right	2004~2012	+	+ (~2007)	+ (~2007)	
<b>DMRL</b> Door Module Rear Left	2008~2012	+			
<b>DMRR</b> Door Module Rear Right	2008~2012	+			
<b>PSDML</b> Power Sliding Doors (Left)	2008~2012	+			
<b>PSDMR</b> Power Sliding Doors (Right)	2008~2012	+			
<b>HSM</b> Heated Seat Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>MSMD</b> Memory Seat Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>MSM</b> Memory Seat Module	2008~2012	+			
<b>OCM</b> Occupant Classification Module	2004~2012	+	+ (~2007)		OCS Verification
<b>PLGM</b> Power Lift Grate Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>SUNR</b> Sunroof Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>PTIM</b> Police/Taxi Interface Module	2004~2012	+	+ (~2007)	+ (~2007)	

<b>SYSTEM</b>	<b>YEAR</b>	<b>READ / CLEAR FAULT</b>	<b>DATA STREAM</b>	<b>ACTIVATION</b>	<b>ADAPTATION</b>
<b>TM</b> Trailer Tow Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>PTCM</b> Power Top Control Module	2004~2012	+	+ (~2007)		
<b>BPCM</b> Battery Pack Control Module	2008~2012	+			
<b>BSM</b> Blind Spot Module	2008~2012	+			
<b>DCU</b> Dosing Control Unit	2008~2012	+			
<b>FSM</b> Fold Stow Module	2008~2012	+			
<b>HGM</b> Hybrid Gateway Module	2008~2012	+			
<b>PEM</b> Passive Entry Module	2008~2012	+			
<b>VSIM</b> Vehicle System Interface Module	2008~2012	+			
<b>EBG</b> Electronic Booster Gauge	2008~2012	+			

## INFORMATION AND COMMUNICATION

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
<b>RADIO</b> Radio	2004~2012	+	+ (~2007)	+ (~2007)	
<b>AMP</b> Amplifier	2004~2012	+	+ (~2007)		
<b>VES</b> Vehicle Entertainment System	2004~2012	+	+ (~2007)		
<b>EOM</b> Electronic Overhead Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>HFM</b> Hands Free Module	2004~2012	+	+ (~2007)	+ (~2007)	
<b>VES3</b> Second Row Monitor	2004~2012	+	+ (~2007)	+ (~2007)	
<b>DISP</b> Front Display	2008~2012	+			
<b>DVD</b> DVD Changer	2008~2012	+			
<b>ICS</b> Integrated Center Stack	2008~2012	+			
<b>RFH</b> Radio Frequency Hub	2008~2012	+			
<b>SDAR</b> Satellite Digital Radio	2004~2012	+	+ (~2007)		
<b>SDARV</b> Satellite Video Receiver	2008~2012	+			
<b>TGW</b> Telematic Gateway Radio	2008~2012	+			

**AIR CONDITION**

<b>SYSTEM</b>	<b>YEAR</b>	<b>READ / CLEAR FAULT</b>	<b>DATA STREAM</b>	<b>ACTIVATION</b>	<b>ADAPTATION</b>
<b>HVAC</b> Heat Ventilation and A/C	2004~2012	+	+ (~2007)	+ (~2007)	
<b>EAC</b> Electric A/C Compressor	2008~2012	+			

## OTHER PROTOCOL

### ENGINE

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
ENGINE	1995~2007	+	+	+	System Test A/C Data Set (KWP) Enable Cruise (KWP)

### TRANSMISSION & T-CASE

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
TRANSMISSION MODULE(TCM)	1995~2007	+	+	+	Reset Learned Adaptives
TRANSFER CASE MODULE(TCASE)	1995~2007	+	+	+	
SHFT LEVER ASSEMBLY MODULE(SLA)	1995~2007		+	+	
FINAL DRIVE CONTROL MODULE(FDCM)	1995~2007	+	+		

### ANTI-LOCK BRAKES

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
ANTI-LOCK BRAKES(ABS)	1995~2007	+	+	+	

### PASSIVE RESTRAINTS

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
AIRBAG	1995~2007	+	+	+	
<b>SIDE AIRBAGS</b>					
RIGHT SIDE AIRBAG(RSA)	1995~2007	+			
LEFT SIDE AIRBAG(LSA)	1995~2007	+			
AIRBAG ON/OFF SWITCH SYSTEM(SRM)	1995~2007	+	+		
OCCUPANT CLASSIFICATION SYSTEM(OCM)	1995~2007	+	+		OCS Verification



**BODY INTERIOR**

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
BODY COMPUTER	1995~2007	+	+	+	Program Tire Size
ELECTRO/MECH CLUSTER(MIC)	1995~2007	+	+	+	
<b>INFO, COMM &amp; ENTERTAINMENT</b>					
OVERHEAD CONSOLE(OHC, CMT, EVIC)	1995~2007	+	+		Program Tire Sensor ID
AUDIO	1995~2007	+	+	+	
DIGITAL AUDIO AMPLIFIER(DAA, AMP)	1995~2007	+	+		
SATELLITE AUDIO RECEIVER(SAR)	1995~2007	+		+	
NAVIGATION SYSTEM(NAV)	1995~2007	+			
HANDS FREE MODULE(HFM)	1995~2007	+	+	+	
<b>DOORS, GATE &amp; COMFORT</b>					
DRIVER DOOR(DDM)	1995~2007	+	+	+	
PASSENGER DOOR(PDM)	1995~2007	+	+	+	
RIGHT SLIDING DOOR(RSD)	1995~2007	+	+	+	
LEFT SLIDING DOOR(LSD)	1995~2007	+	+	+	
POWER LIFT MODULE(PLGM)	1995~2007	+	+	+	
MEMORY SEAT MODULE(& APM)(MSM)	1995~2007	+	+	+	
ADJUSTABLE PEDAL MODULE(APM)	1995~2007	+	+	+	
<b>HEATING &amp; A-C</b>					
HVAC	1995~2007	+	+	+	
AUTOMATIC TEMP CONTROL(ATC)	1995~2007	+	+	+	
CABIN HEATER MODULE(CHM)	1995~2007				

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
FCM/IPM(A48)	1995~2007	+	+	+	
SERIAL BUS TRAVELER(SBT)	1995~2007	+	+	+	

### **CHASSIS & BODY EXTERIOR**

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
PARK ASSIST MODULE(PAM)	1995~2007	+	+		
RAIN SENSOR MODULE(RSM)	1995~2007	+			
TIRE PRESSURE MONITOR(TPM)	1995~2007	+	+		Program Module Program Pressure Sensor
SPEED PRO STEERING(SPS)	1995~2007	+	+		

### **THEFT ALARM**

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
VTSS	1995~2007	+	+	+	
SKIM-SKREEM-TPM, IMMOBILIZER	1995~2007	+	+	+	Program Ignition Keys Add Individual Keys Program Key FOBs