



VERSION: 2011.12 DATE: DEC., 2011

CAN PROTOCOL

POWER TRAIN SYSTEM

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

NOTE: The models after 2008, only READ / CLEAR FAULT.

CHASSIS SYSTEM

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

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BODY SYSTEM

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
ORC Occupant Restraint Controller	2004~2012	✓	✓	✓	
IPC Instrument Panel Cluster	2008~2012	✓			
CCN Cabin Compartment Node	2004~2012	✓	✓	✓	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
FCM Front Control Module	2004~2012	✓	✓	✓	Program Tire Size
WCM Wireless Control Module	2004~2012	✓	✓		Program Tire Sensor ID Program Ignition Keys Program Key FOBs Erase Ignition Key
DDM Drivers Door Module	2004~2012	✓	✓	✓	
PDM Passengers Door Module	2004~2012	✓	✓	✓	
PTS Parktronics	2004~2012	✓	✓	✓	
SCM Steering Column Module	2004~2012	✓	✓	✓	
SCCM Steering Column Control Module	2008~2012	✓			
LRSM Light Rain Sensor Module	2004~2012	✓	✓		
AHBM Automatic High Beam Module	2004~2012	✓	✓		

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

Specification

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

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INFORMATION AND COMMUNICATION

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

NOTE: The models after 2008, only READ / CLEAR FAULT.

AIR CONDITION

SYSTEM	YEAR	READ / CLEAR FAULT	DATA STREAM	ACTIVATION	ADAPTATION
HVAC Heat Ventilation and A/C	2004~2012	✓	✓	✓	
EAC Electric A/C Compressor	2008~2012	✓			

NOTE: The models after 2008, only READ / CLEAR FAULT.

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	✓	✓	✓	
SIDE AIRBAGS					
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	✓	✓	✓	
INFO, COMM & ENTERTAINMENT					
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	✓	✓	✓	
DOORS, GATE & COMFORT					
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	✓	✓	✓	
HEATING & A-C					
HVAC	1995~2007	✓	✓	✓	
AUTOMATIC TEMP CONTROL(ATC)	1995~2007	✓	✓	✓	
CABIN HEATER MODULE(CHM)	1995~2007				

Specification

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

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