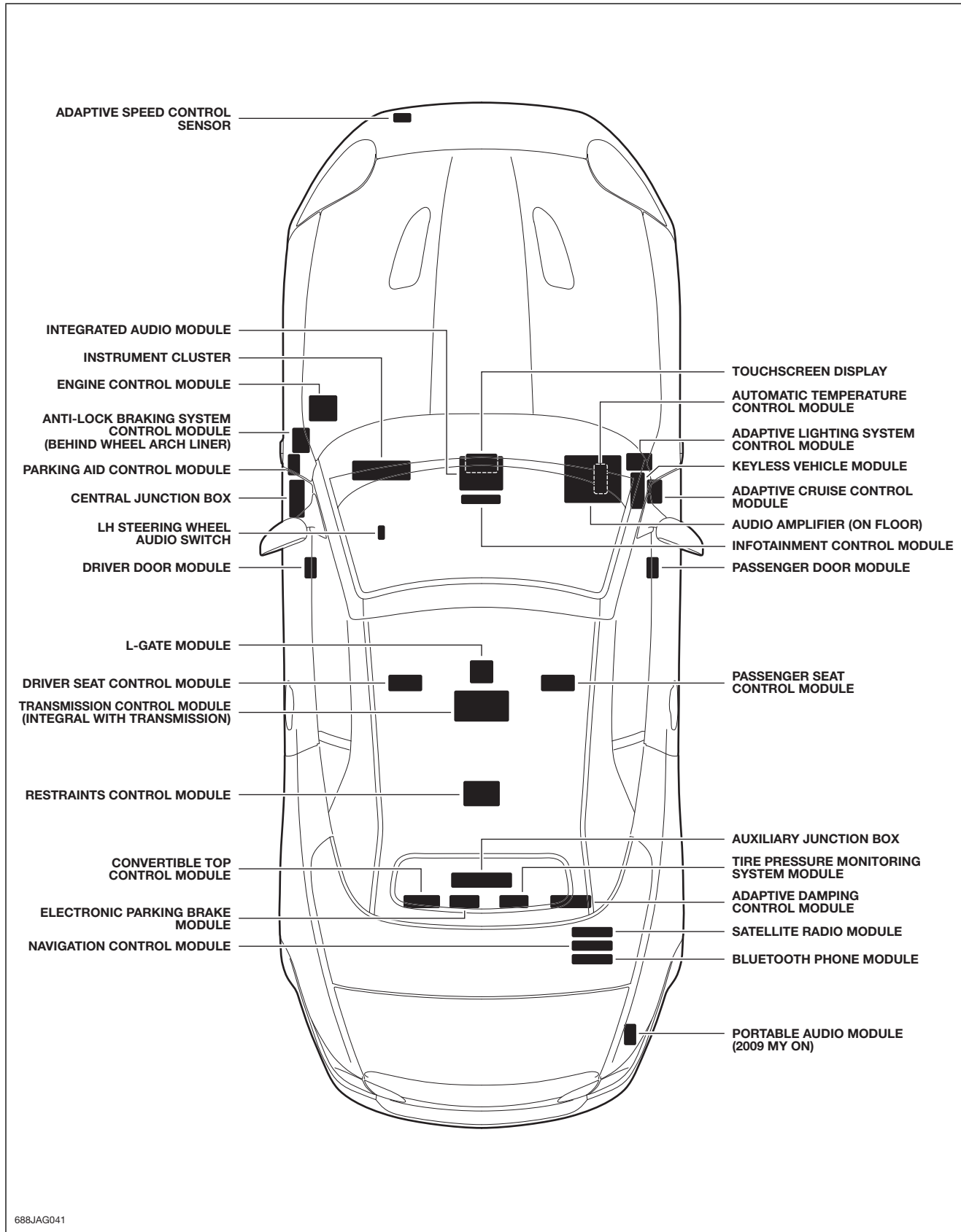


X150 CONTROL MODULES



688JAG041

Module	Network	Function	Location
Instrument Cluster (IC)	HS CAN MS CAN, LIN	Gateway between HS and MS CAN; Gateway between the CAN busses and the LIN bus	Driver's side instrument panel
Adaptive Cruise Control Module	HS CAN	Controls vehicle road speed in relation to other vehicles when in speed control mode	Lower RH 'A' post
Adaptive Damping Control Module (ADCM)	HS CAN	Controls the adjustment of the suspension dampers	Rear passenger compartment bulkhead, behind RH rear seat backrest
Adaptive Front Lighting System Control Module	HS CAN	Controls headlight leveling and adaptive front lighting system	RH footwell, mounted to RH 'A' post
Anti-Lock Braking System Control Module (ABSCM)	HS CAN	Controls the braking force applied to the road wheels	Engine compartment, next to the ECM
Electronic Parking Brake Module	HS CAN	Controls the application and release of the parking brake	Behind the auxiliary junction box
Engine Control Module (ECM)	HS CAN	Controls the engine in response to various sensor inputs	LH front engine compartment, adjacent to bulkhead
Transmission Control Module (TCM)	HS CAN	Electronic control of the automatic gear change	Transmission sump
L-Gate Module	HS CAN	Electronic control of the selected gear/ driving mode	Top of transmission tunnel
Restraints Control Module (RCM)	HS CAN	Controls the deployment of supplemental restraint components	Transmission tunnel, under trim between seats
Automatic Temperature Control Module (ATCM)	MS CAN	Controls the operation of the climate con- trol / air-conditioning system	Attached to side of air condi- tioning unit
Auxiliary Junction Box (AJB)	MS CAN	Controls body functions and power distri- bution	Rear passenger compartment bulkhead, behind rear seat center section
Central Junction Box (CJB)	MS CAN	Controls body functions and power distribution	Passenger compartment, LH 'A' post
Driver Door Control Module (DDCM)	MS CAN	Memory/adjustment functions for seats, steering column and mirrors and security functions	Driver's door, behind trim
Driver Seat Control Module	MS CAN	Controls seat positioning and memory seat functions	Beneath driver's seat
Infotainment Control Module	MS CAN MOST	Gateway between the MOST and CAN networks for information and control distribution	Behind the touch-screen display, above the integrated audio unit
Integrated Control Panel	MS CAN	Contains controls for entertainment and air conditioning systems	Center of instrument panel, sur- rounding touch-screen display

Module	Network	Function	Location
Keyless Vehicle Module	MS CAN	Allows vehicle to be opened and started without the use of a key	RH 'A' post
Passenger Door Control Module (PDCM)	MS CAN	Memory/adjustment functions for seats, steering column and mirrors and security functions	Passenger's door, behind trim
Passenger Seat Control Module	MS CAN	Controls seat positioning and memory seat functions	Beneath front passenger seat
Tire Pressure Monitoring System (TPMS) Module	MS CAN	Monitors the vehicle tires to warn of deflation	Rear passenger compartment bulkhead, next to AJB
Navigation Module	MOST, GVIF	Route guidance output based on driver destination inputs, GPS data and DVD-stored mapping information	Luggage compartment, right of battery
Portable Audio Module (2009 MY)	MOST	Controls auxiliary audio inputs from the portable audio interface	RH rear trunk, behind convertible top hydraulic pump motor (where equipped)
LH Steering Wheel Audio Switch	LIN	LIN bus gateway; converts analog signals from ICE and paddle shifters into digital messages	LH side of steering wheel