

Description

System Description

Advanced Driver Assistance System (ADAS) analyzes the exterior environment of a vehicle and driver status to provide visibility / display / guide / warning for driving and parking.

System Configuration

Item		Function	Explanation	Unit						
				Front Radar	Front View Camera	Rear Corner Radar	Rear View Camera	Ultrasonic Sensor	ADAS_PRK	Navi
Driving	Safety	FCA	Forward Collision-Avoidance Assist	●	●					
		LKA	Lane Keeping Assist	●	●					
		BCW	Blind-Spot Collision Warning			●				
		BCA	Blind-Spot Collision-Avoidance Assist		●	●				
		MSLA	Manial Speed Limit Assist							
		ISLA	Intelligent Speed Limit Assist		●					
		DAW	Driver Attention Warning		●					
		SEW	Safety Exit Warning			●				
		BVM	Blind-spot View Monitor						●	
		HBA	High Beam Assist		●					
		SCC	Smart Cruise Control	●	●					

	Convenience	NSCC	Navigation-based Smart Cruise Control	●	●					●
		LFA	Lane Following Assist		●					
		HDA	Highway Driving Assist	●	●					
Parking Safety/ Convenience		RVM	Rear View Monitor				●			
		SVM	Surround View Monitor						●	
		RCCW	Rear Cross-Traffic Collision Warning			●		●		
		RCCA	Rear Cross-Traffic Collision-Avoidance Assist			●		●		
		PDW	Parking Distance Warning					●		

Special Service
Tools

Tool Name / Number	Illustration	Description
LKA Compensator (09890-3V100)		Used for compensating front view camera unit
Vertical measuring instrument (09964-C1200)		Used to measure left/right tilts when automatic tolerance compensation for front camera is performed. Use together with the (09890-3V100). However, do not use it if vertical measuring instrument (09958-3T060) is available.
BCW Sensor Correction Tool Set (09958-3T500)		Used to correct the blind-spot radar unit.

Case, Manual,
String
(09958-3T120)



Used to correct the blind-spot radar unit.
Used to create a center line.

Vertical Plumb
(09958-3T010)



Used to correct the blind-spot radar unit.
Used to create a center line.

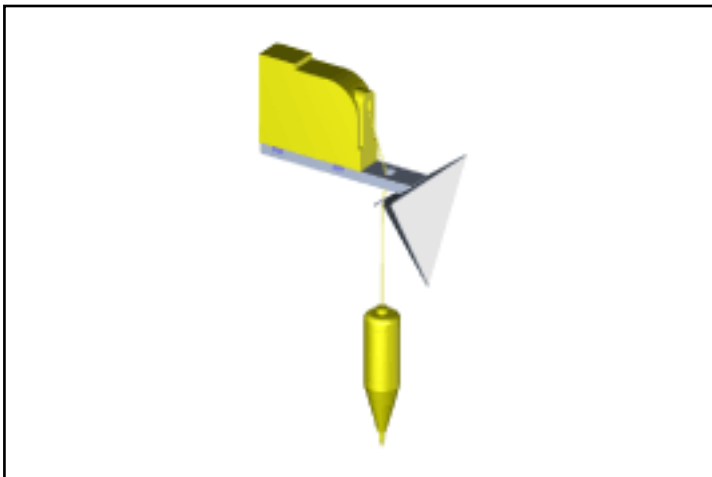
Spirit Level
(09958-3T070)



Used to correct the blind-spot radar unit.
Used to measure the horizontal angle.

BCW Unit Fixing Adaptor (09958-3T080)		Used to correct the blind-spot radar unit. Used to measure the horizontal angle.
Digital Protractor (09958-3T090)		Used to correct the blind-spot radar unit. Used to measure the horizontal angle.
Digital Inclinometer (09958-3T100)		Used to correct the blind-spot radar unit. Used to measure the vertical angle.

SCC Setting
Reflector
(09964-C1100)



Used for front radar unit
setting

Calibration
Reflector
(0K964-J5100)



Used for front radar unit
setting

SCC Setting Tripod
(09964-C1300)



Used for front radar unit
setting