

WHEN AIMING IS REQUIRED

Proper wheel alignment, body structural alignment, and camera/radar alignment are critical to the performance of driving support system functions on Acura vehicles.

NOTE:

- Always refer to the model-specific service manual along with the table below to determine when the radar or camera should be aimed. The table below may not list every type of collision repair that would require aiming a radar or camera. The necessity of aiming a radar or camera should be determined by the extent of the damage or repair made to the vehicle.
- If aiming a radar or camera is necessary due to a collision, then a four-wheel alignment check should be performed. If the wheel alignment is not within specifications, it should be corrected prior to aiming any camera or radar.
- Unless instructed by the service manual or available service information, camera and radar systems calibrations are NOT required after a wheel alignment.
- The requirement of a 4-wheel alignment should be determined by the extent of the damage and repair made to the vehicle.

System	When to Aim	Notes
Millimeter Wave Radar	Millimeter wave radar unit was removed and installed.	
	Millimeter wave radar unit was replaced.	Always order a new replacement radar unit using the VIN.
	After a collision repair that would require at least a front bumper fascia repair within 300 mm of the millimeter wave radar unit.	
	After a collision repair that required a structural body repair.	Structural damage include any damage beyond minor cosmetic abrasions to the welded, riveted, or bonded parts of the main unibody as well as the bumper reinforcements, door intrusion beams, or bolt-on front bulkheads.
	After a Supplemental Restraint System (SRS) deployment.	
	If the following DTCs are set: • P2583-54 (millimeter wave radar aiming incomplete) • P2583-64 (millimeter wave radar aiming error) • P2583-97 (dust or dirt on the millimeter wave radar)	• You must follow the DTC troubleshooting procedure first, and only do the aiming procedure when instructed. • Other DTCs indicated must be corrected prior to aiming; otherwise, the aiming may fail.

System	When to Aim	Notes
Blind Spot Information Radar	BSI radar unit was removed and installed.	
	BSI radar unit was replaced.	If the BSI radar unit was replaced due to damage, you must do the BSI Radar Unit Mounting Area Check procedure before installing the new BSI radar unit.
	After replacing or repairing the body panel(s) where the BSI radar unit is mounted.	You must do the BSI Radar Unit Mounting Area Check procedure after the repair is complete and before installing the BSI unit radar.
	After a collision repair requiring a structural body repair at the rear of the vehicle.	You must do the BSI Radar Unit Mounting Area Check procedure after the repair is complete.
	If the following DTCs are set: • B18B8 (left side BSI radar unit azimuth off alignment) • B1E68 (right side BSI radar unit azimuth off alignment)	You must follow the DTC troubleshooting procedure first and only do the aiming inspection when instructed.

System	When to Aim	Notes
Multipurpose Camera or FCW/LDW Camera	Windshield was removed and installed.	
	Windshield was replaced.	The replacement windshield must be a Acura genuine replacement windshield. Installing an aftermarket windshield will cause the aiming to fail or abnormal operation of the driving support system.
	Multipurpose camera unit or FCW/LDW camera unit was removed and installed.	
	Multipurpose camera unit or FCW/LDW camera unit was replaced.	Always order a new replacement camera unit using the VIN.
	After a collision repair requiring a structural body repair.	Structural damage include any damage beyond minor cosmetic abrasions to the welded, riveted, or bonded parts of the main unibody as well as the bumper reinforcements, door intrusion beams, or bolt-on front bulkheads.
	After a Supplemental Restraint System (SRS) deployment.	
	If the following DTCs are set: Multipurpose Camera Unit • B2A60-52 (dynamic camera aiming incomplete) • B2A60-54 (static camera aiming incomplete) FCW/LDW Camera Unit • B2A60-54 (FCW/LDW camera unit aiming incomplete) • B2A60-54 (FCW/LDW camera unit aiming incomplete)	• You must follow the DTC troubleshooting procedure first and only do the aiming procedure when instructed. • Other DTCs indicated must be corrected prior to aiming; otherwise, the aiming may fail.

System	When to Aim	Notes
Multi View Camera	After replacing or removing/reinstalling the following: • Front camera • Rearview camera • Left or right side camera • Power mirror assembly • Mirror housing lower cover (some models) • Front bumper • Front grille • Driver's or front passenger's door • Tailgate • Trunk	Refer to the appropriate model service information for details.
	After adjusting the following: • Driver's or front passenger's door • Tailgate • Trunk	
	After doing any collision repairs to the driver's or front passenger's door.	
	If DTC B14B3-54 (camera aiming incomplete) is set.	