



ADAS MAP Inspection Report

RO Number: 13865893

Inspection Number: 566536

Year: 2021

Make: Honda

Model: Accord

VIN: 1HGCV2F30MA012582

Estimator: Perez, Frank

IMPORTANT! Please validate vehicle is equipped with listed ADAS system components by performing a visual inspection!

Scanning Requirements

Pre & Post Scan Requirements https://oem1stop.com/sites/default/files/Honda_Pos_Diagnostic-Scans_Revised_FINAL%2811-20%29.pdf

It is the position of American Honda that all vehicles* involved in a collision† must have the following minimum diagnostic scans, inspections, and/or calibrations done to avoid improper repair: A preliminary diagnostic scan during the repair estimation phase to determine what diagnostic trouble codes (DTCs) may be present, so proper repairs may be included. (See “Background on Scan Requirements” below for more information. A post-repair diagnostic scan to confirm that no DTCs remain. Any repair that requires disconnection of electrical components in order to perform the repair will require a post-repair diagnostic scan to confirm if the component is reconnected properly and functioning. Damage that requires the replacement of body parts will always require a post-repair diagnostic scan.

Identified ADAS Related Services to be Performed

Based on your current estimate, we have identified the following calibrations and initializations.

- ADAS L3: Static Calibration (3)
- Seat Belt Inspection (1)
- Seat Related Calibration (1)

Calibrations

| <u>ADAS System/Components</u> | <u>Location</u> | <u>Calibration</u> |
|--------------------------------|-----------------|-----------------------------|
| Adaptive Cruise Control | | |
| Millimeter Wave Radar | Front Bumper | ADAS L3: Static Calibration |

Calibrate the Millimeter Wave Radar Sensor if:

- *There is an SRS deployment*
- *Diagnostic Trouble Code (DTC) stating misalignment/error (follow diagnostic procedures first)*
- *Structural repairs performed beyond minor cosmetic damage to any of the welded, bonded, riveted panels or door intrusion beams*
- *Front bumper repairs within 300mm of the Millimeter Wave Radar Sensor*



Any of the following is removed, installed, replaced, or adjusted:

- **Millimeter Wave Radar Sensor**
- Radar bracket
- Bulkhead (radiator support)

ADAS targets **are** required for system calibration.

Before calibrations occurs, the vehicle requires:

- Full tank of fuel
- Correct tire sizes and pressures
- Unmodified suspension
- No excessive weight in the trunk of the vehicle

NOTE: A four wheel alignment is required if suspected to be out of spec or after a collision repair, but an ADAS calibration is not required in the event a four wheel alignment is performed.

OEM information: <https://gerberadas.z13.web.core.windows.net/links?adasInspection=566536&adasChecklistMatrixVehicle=1670&type=1&model=Accord>

Blind Spot Monitoring Systems

| | | |
|------------------|---------------------|-----------------------------|
| Blind Spot Radar | Rear Quarter Panels | ADAS L3: Static Calibration |
|------------------|---------------------|-----------------------------|

Perform Blind Spot Monitor (BSI) aiming inspection after rear end structural repairs, replacement or repairs to the radar mounting panels, DTC's advising of misalignment/error (follow diagnostic procedures first), any of the following are removed, installed or replaced: radar unit, mount panel/bracket (never repair bumper cover over BSI). ADAS targets and rear bumper removal are required for aiming inspection. A scan tool is not required for this procedure. A four wheel alignment is required if suspected to be out of spec or after a collision repair but aiming inspection is not required in the event a four wheel alignment is performed. Vehicle does require a full tank of fuel, correct tire size and pressure, no modified suspension, and no excessive weight in the trunk of the vehicle.

OEM information: <https://gerberadas.z13.web.core.windows.net/links?adasInspection=566536&adasChecklistMatrixVehicle=3963&type=1&model=Accord>

Lane Departure / Keep Systems

| | | |
|---------------------|------------|-----------------------------|
| Multipurpose Camera | Windshield | ADAS L3: Static Calibration |
|---------------------|------------|-----------------------------|

*Aim the **Multipurpose Camera** if:*

- There is an SRS deployment
- Diagnostic Trouble Code (**DTC**) stating misalignment/error (follow diagnostic procedures first)



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- *Structural repairs performed to any of the welded, bonded, riveted panels, or door intrusion beams*

Any of the following is removed, installed, replaced, or adjusted:

- *Windshield*
- *Multipurpose Camera NOTE: Honda requires OEM Glass*

*ADAS targets **are** required for system calibration.*

Before calibrations occurs, the vehicle requires:

- *Full tank of fuel*
- *Correct tire sizes and pressures*
- *Unmodified suspension*
- *No excessive weight in the trunk of the vehicle*

NOTE: A four wheel alignment is required if suspected to be out of spec or after a collision repair, but camera aiming is not required in the event a four wheel alignment is performed.

OEM information: <https://gerberadas.z13.web.core.windows.net/links?adasInspection=566536&adasChecklistMatrixVehicle=1230&type=1&model=Accord>

Occupant Detection

| | | |
|--------------------------------|----------------|--------------------------|
| Occupant Classification System | Passenger Seat | Seat Related Calibration |
|--------------------------------|----------------|--------------------------|

Honda states that after any collision, and regardless of damage, that a "Passenger Seat Weight Output Check" must be performed.

The passenger seat must be empty and upright in a middle of track position when performing the check. If the passenger seat is removed for any reason the same check must be performed.

OEM information: <https://gerberadas.z13.web.core.windows.net/links?adasInspection=566536&adasChecklistMatrixVehicle=4375&type=1&model=Accord>

Seat Belt Inspection

| | | |
|-----------|----------|----------------------|
| Seat Belt | Interior | Seat Belt Inspection |
|-----------|----------|----------------------|

Seatbelts must be inspected after a collision to ensure passenger safety. While ADASMap and Alldata serve as valuable resources to assist in the repair process, it is ultimately the responsibility of the repair professional to follow proper procedures and safety guidelines. For the most accurate and up-to-date information, always consult the vehicle manufacturer's service manual when available.

OEM information: <https://gerberadas.z13.web.core.windows.net/links?adasInspection=566536&adasChecklistMatrixVehicle=4413&type=1&model=Accord>

Identified ADAS Systems

| <u>System</u> | <u>Component</u> | <u>Location</u> |
|-------------------------------|-----------------------|---------------------|
| Adaptive Cruise Control | Millimeter Wave Radar | Front Bumper |
| Blind Spot Monitoring Systems | Blind Spot Radar | Rear Quarter Panels |
| | LaneWatch Camera | Side Mirrors |



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|-------------------------------|--------------------------------|--------------------|
| Lane Departure / Keep Systems | Multipurpose Camera | Windshield |
| Occupant Detection | Occupant Classification System | Passenger Seat |
| Seat Belt Inspection | Seat Belt | Interior |
| Steering Angle Sensor | Steering Angle Sensor | Column |
| Telematics | Honda Link | Multiple Locations |

The Fine Print:

The Fine Print (Legaleze)

The ADAS MAP report is for informational purposes and should not be considered as a replacement for Original Equipment Manufacturers (OEM) diagnostic, repair or calibration recommendations and procedures as well as a detailed visual inspection of this vehicle.