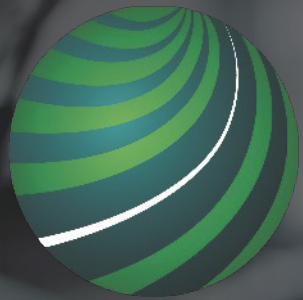




OPUS | IVS

ADAS MAP:
UNDERSTANDING ADAS
MAP REPORTING

ADAS MAP REPORTING

- **What is ADAS MAP?**

- ADAS MAP is a SaaS (Software as a Service) platform designed to assist the collision and insurance industries identify ADAS systems, components, component locations as well as OEM recommended pre and post scans, calibrations and initializations.
- The **ADAS MAP** report is for informational purposes only 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 a vehicle.

HOW TO READ AN ADAS MAP REPORT



OPUS IVS Huntington Beach
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644

ADAS MAP Inspection Report

RO Number: 47036949		Inspection Number: 90482	
Year:	2022	Insurance:	Example Insurance
Make:	Honda		
Model:	Accord Sport		
VIN:	1HGCV1F31NA105932	Estimator:	Team, ADAS

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

Scanning Requirements

Pre & Post Scan Requirements https://www.oem1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%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 (2)
- Seat Belt Inspection (1)
- Seat Related Calibration (1)
- Steering Angle Sensor (1)

Calibrations

ADAS System/Components	Location	Calibration
Adaptive Cruise Control		
Millimeter Wave Radar	Front Bumper	ADAS L3: Static Calibration

Calibrate the Millimeter Wave Radar Sensor if:

- There's 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

Page 1 of 3 Adas Inspection 07/15/2024, 12:15 PM



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Huntington Beach, CA 92648
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- Bumper Reinforcements

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=1670&type=1&model=Accord Sport>

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)
- Structural repairs performed to any of the welded, bonded, riveted panels, or door intrusion beams
- Damage to bumper impact bar

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.

Page 2 of 3 Adas Inspection 07/15/2024, 12:15 PM



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OEM information: <https://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=1230&type=1&model=Accord Sport>

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=4375&type=1&model=Accord Sport>

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=4413&type=1&model=Accord Sport>

Steering Angle Sensor

Steering Angle Sensor	Column	Steering Angle Sensor
-----------------------	--------	-----------------------

Honda states that upon a battery disconnect, alignment, column removal and replacement, or clockspring replacement that the steering angle sensor calibration referred to as Neutral Position Learning must be performed. In some newer models this will need to be performed first in ABS/VA module and then completed within the EPS (Electronic Power Steering) module (if fitted).

OEM information: <https://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=2220&type=1&model=Accord Sport>

Identified ADAS Systems

System	Component	Location
Adaptive Cruise Control	Millimeter Wave Radar	Front Bumper
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

The Fine Print:

The Fine Print (Legaleze)

The ADAS MAP™ report is for informational purposes only and should not be considered as a replacement for Original Equipment Manufacturers (OEM) diagnostic, repair or calibration recommendations and procedures. The ADAS MAP™ platform utilizes data from multiple sources such as VIN, ADAS and safety system build data. While this data is considered accurate, Auto Techcoelators, LLC. makes no guarantees about its accuracy or completeness because it is being generated and delivered by third-parties.

Page 3 of 3 Adas Inspection 07/15/2024, 12:15 PM

HOW TO READ AN ADAS MAP REPORT (Page 1)

 OPUS IVS Huntington Beach
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644

ADAS MAP Inspection Report

RO Number: 47036949 Inspection Number: 90482

Year: 2022 Insurance: Example Insurance
Make: Honda
Model: Accord Sport
VIN: 1HGCV1F31NA105932 Estimator: Team, ADAS

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

Scanning Requirements

Pre & Post Scan Requirements https://www.oem1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%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 (2)
Seat Belt Inspection (1)
Seat Related Calibration (1)
Steering Angle Sensor (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

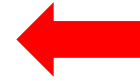
Calibrate the Millimeter Wave Radar Sensor if:

- There's 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

Page 1 of 3 Adas Inspection 07/15/2024, 12:15 PM



Report Header



RO, Vehicle, Insurance and Estimator Information



Pre and Post Scanning Requirements



List of Identified Services that Should be Performed on this Vehicle



Required Service and Calibration Details and Supporting OEM Recommendations

HOW TO READ AN ADAS MAP REPORT (Page 2)

 OPUS IVS Huntington Beach
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644

- Bumper Reinforcements

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=1670&type=1&model=Accord Sport>

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)
- Structural repairs performed to any of the welded, bonded, riveted panels, or door intrusion beams
- Damage to bumper impact bar

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.

Page 2 of 3 Adas Inspection 07/15/2024, 12:15 PM



Report Header



Required Service and Calibration Details and Supporting OEM Recommendations



Additional related OEM, ADAS, Calibration, I-CAR and other PDF's, links, videos, etc.



Required Service and Calibration Details and Supporting OEM Recommendations

HOW TO READ AN ADAS MAP REPORT (Page 3)

IVSADAS-Map

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OEM information: <https://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=1230&type=1&model=Accord Sport>

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=4375&type=1&model=Accord Sport>

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://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=4413&type=1&model=Accord Sport>

Steering Angle Sensor

Steering Angle Sensor Column Steering Angle Sensor

Honda states that upon a battery disconnect, alignment, column removal and replacement, or clockspring replacement that the steering angle sensor calibration referred to as Neutral Position Learning must be performed. In some newer models this will need to be performed first in ABS/VSA module and then completed within the EPS (Electronic Power Steering) module (if fitted).

OEM information: <https://opusadas.z13.web.core.windows.net/links?adasInspection=90482&adasChecklistMatrixVehicle=2220&type=1&model=Accord Sport>

Identified ADAS Systems

System	Component	Location
Adaptive Cruise Control	Millimeter Wave Radar	Front Bumper
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

The Fine Print:

The Fine Print (Legaleze)
The ADAS MAP™ report is for informational purposes only and should not be considered as a replacement for Original Equipment Manufacturers (OEM) diagnostic, repair or calibration recommendations and procedures. The ADAS MAP™ platform utilizes data from multiple sources such as VIN, ADAS and safety system build data. While this data is considered accurate, Auto Techcelerators LLC. makes no guarantees about its accuracy or completeness because it is being generated and delivered by third-parties.

Page 3 of 3 Adas Inspection 07/15/2024, 12:15 PM



Report Header



Required Service and Calibration Details and Supporting OEM Recommendations



Additional related OEM, ADAS, Calibration, I-CAR and other PDF's, links, videos, etc.



List of identified ADAS Systems, Components and Locations on vehicle



Disclaimer

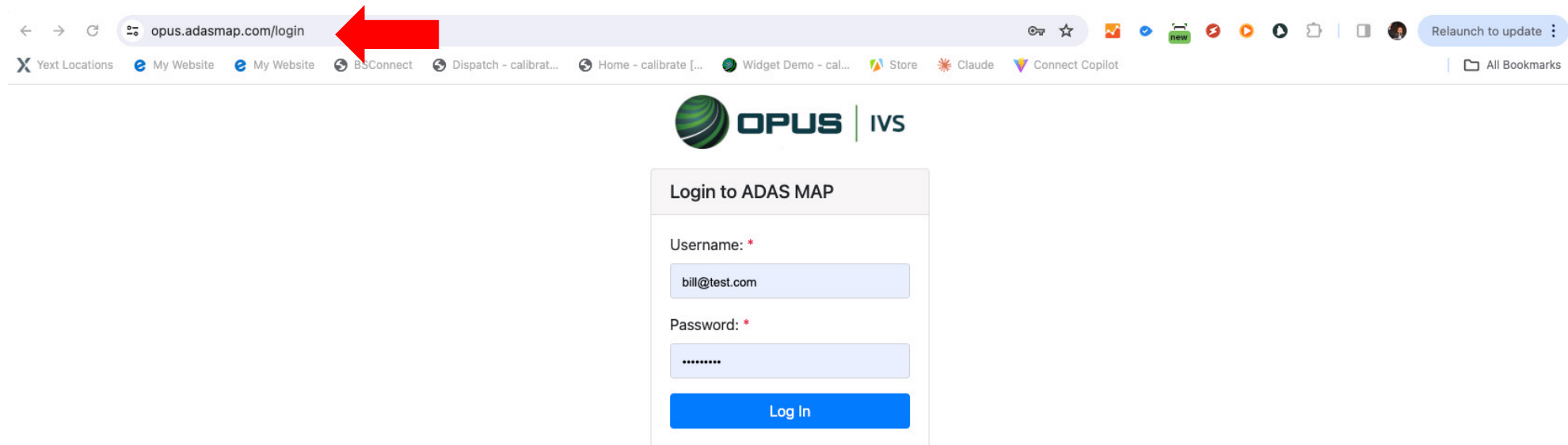
HOW ARE ADAS MAP REPORTS DELIVERED/ACCESSED?

- ADAS MAP reports are automatically shared with the CCC attachments tab and can also be accessed, printed, downloaded and resent via email through the ADAS MAP portal
- **Automatic Delivery**
 - ADAS MAP reports are automatically delivered to the CCC attachments tab in a PDF format via email when an estimate is “committed” in CCC.
 - The estimate **must be** “committed” due to the CCC Secure Share settings.
 - The CCC Secure Share settings automatically shares data with ADAS MAP any time an estimate is changed, and the changes saved.
 - Because of this “auto-share” process we do not want to send multiple emails and PDF’s until the estimate is “committed”.

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Portal Access**

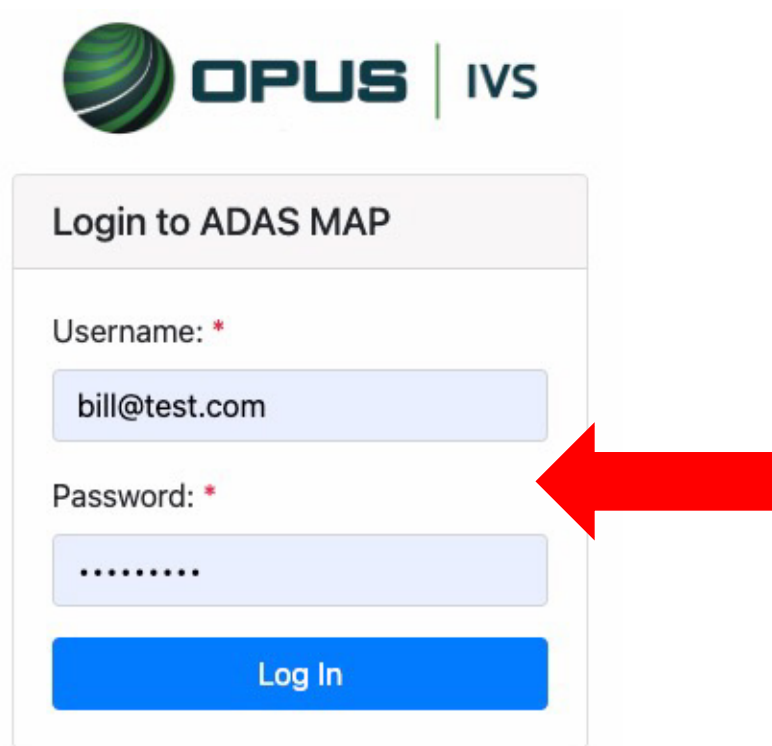
- **Step One:** Access the ADAS MAP portal at **<https://opus.adasmap.com/login>**



The screenshot shows a web browser window with the address bar displaying `opus.adasmap.com/login`. A red arrow points to the address bar. Below the address bar, the browser's bookmark bar shows several links: "X Yext Locations", "e My Website", "e My Website", "S BSConnect", "S Dispatch - calibrat...", "S Home - calibrate [...]", "S Widget Demo - cal...", "S Store", "S Claude", and "S Connect Copilot". To the right of the bookmark bar is a "Relaunch to update" button. The main content of the page is the "OPUS | IVS" logo, followed by a "Login to ADAS MAP" form. The form contains two input fields: "Username: *" with the value "bill@test.com" and "Password: *" with masked characters "*****". Below these fields is a blue "Log In" button.

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Portal Access**
- **Step Two:** Login to ADAS MAP with your credentials (email address and password)



The screenshot shows the login interface for the ADAS MAP portal. At the top, the logo for OPUS | IVS is displayed, featuring a green and blue globe icon. Below the logo is a white box with a light gray border. Inside this box, the text "Login to ADAS MAP" is centered at the top. Below this text, there are two input fields. The first field is labeled "Username: *" and contains the text "bill@test.com". The second field is labeled "Password: *" and contains a series of dots. A large red arrow points from the right side of the form towards the password field. At the bottom of the form is a blue button with the text "Log In" in white.

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Portal:** MAIN PAGE VIEW
- To view and access ADAS MAP files click on the **ADAS** menu on the left .



HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Portal:** MAP FILE GRID VIEW
- This page is where ADAS MAP files are stored. To search for/locate appropriate file locate the **Search** field and enter RO#, partial or full VIN or Make

fterlep@gmail.com Logout
OPUS IVS

ADAS / Vehicles



181 items

		#	RO#		VIN	Year	Make	Model	Status	Last Inspection
^	edit	70344	729241	C	3GNKBKRS4PS131753	2023	Chevrolet	Blazer RS	Active	
^	edit	70268	727241	C	1C4RJHBG1N8524232	2022	Jeep	Grand Cherokee Limited 4WD	Active	
^	edit	68660			3VW6T7AU2LM004481	2020	Volkswagen	Golf GTI Autobahn	Active	
^	edit	68284	718245	C	1FMCU9G67NUA13761	2022	Ford	Escape SE	Active	
^	edit	68279	718244	C	1FADP3E20JL222388	2018	Ford	Focus S	Active	
^	edit	68205	718243	C	5TDHBRCH2MS524367	2021	Toyota	Highlander Hybrid XLE AWD	Active	
^	edit	68156	724241	C	2T3F1RFV4NW255428	2022	Toyota	RAV4 LE AWD	Active	
^	edit	67768		C	JTHGZ1B27N5050055	2022	Lexus	IS 350 F SPORT	Active	

PORTAL

- **ADAS MAP Portal:** ADAS MAP FILE DETAILS
- To view more file details, click on **“arrow”** in the far-left column to expose file details, then click on **“view”**

 **OPUS**
ADAS MAP™

IVS

ADAS

fterlep@gmail.com

Logout

OPUS IVS

ADAS / Vehicles

...

181 items

		#	RO#		VIN	Year	Make	Model	Status	Last Inspection
^	edit	67363	237049273	C	2HKRW1H59JH522884	2018	Honda	CR-V EX	Active	
^	edit	67286	40025538	C	5NPE34AF5KH766688	2019	Hyundai	Sonata Limited	Active	
v	edit	67176	47036949	C	1HGCV1F31NA105932	2022	Honda	Accord Sport	Active	

view

Inspection #

RO #

Inspection Date

Status

Estimator

Insurance

Items

report

push to CCC

view

47036949

07/15/2024 10:15 am

Active

Team, ADAS

EXAMPLE INSURANCE

(5 / 5)

report

push to CCC

^	edit	67169	101025278	C	1FA6P8THXM5103558	2021	Ford	Mustang Fastback w/EcoBoost	Active	
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HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Report Access:** ADAS MAP DETAILS PAGE / REPORT BUTTON
- To access the ADAS MAP report on the DETAILS page click on the **Report Button** on the bottom left of the page.

The screenshot displays the ADAS MAP portal interface for inspection #90482. The top header shows the inspection details: "ADAS #67176: Inspection #90482" and "2022 Honda Accord Sport". A warning message states: "ADAS MAP has identified the following ADAS technologies on this vehicle. **IMPORTANT!** Please perform a visual inspection to validate they are installed and determine if they require R&R/R&I." The interface includes tabs for "Inspection", "Results", and "Add'l ADAS Info". Below these are filters for "Required" and "Not Required" items, with a "toggle open" checkbox. A table lists the ADAS systems and their locations:

ADAS System	Location	Calibration	not equipped?
Adaptive Cruise Control	Front Bumper	ADAS L3: Static Calibration	☐
Lane Departure / Keep Systems	Windshield	ADAS L3: Static Calibration	☐
Occupant Detection	Passenger Seat	Seat Related Calibration	☐
Seat Belt Inspection			

At the bottom of the interface, there is a navigation bar with buttons: "Scrub", "Email Report", "Report", "Push to CCC", "Create Calibration", "Repair Lines", "Complete Inspection", "Cancel", "Save", and "Save and Close". A red arrow points to the "Report" button.

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Report Access:** ADAS MAP DETAILS PAGE / EMAIL REPORT
- To email the ADAS MAP report to ADAS MAP users designated to receive reports, click on the **Email Report Button** on the bottom left of the page.

OPUS ADAS MAP

ADAS #67176: Inspection #90482
2022 Honda Accord Sport

ADAS MAP has identified the following ADAS technologies on this vehicle. **IMPORTANT!** Please perform a visual inspection to validate they are installed and determine if they require R&R/R&I.

Search 10

Inspection Results Add'l ADAS Info

Submit Issue Get Decoded

Required Not Required toggle open 5 / 5 items total

ADAS System	Location	Calibration	not equipped?
Adaptive Cruise Control		1 / 1 item	☐
Millimeter Wave Radar	Front Bumper	ADAS L3: Static Calibration	☒
Lane Departure / Keep Systems		1 / 1 item	☐
Multipurpose Camera	Windshield	ADAS L3: Static Calibration	☒
Occupant Detection		1 / 1 item	☐
Occupant Classification System	Passenger Seat	Seat Related Calibration	☒
Seat Belt Inspection		1 / 1 item	☐

Scrub Email Report Report Push to CCC Create Calibration Repair Lines Complete Inspection Cancel Save Save and Close

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Report Access:** REPORT VIEW
- Once a user clicks on the **REPORT BUTTON** they will be presented with the ADAS MAP report. .

ADAS Inspection Report (for 67176-90482)

The screenshot shows a web browser window displaying an ADAS MAP inspection report. The browser's address bar shows the report title 'ADAS Inspection Report (for 67176-90482)'. The page features a dark blue sidebar with navigation icons (hamburger menu, search, and share). The main content area has a light gray background. At the top of the content area is the 'OPUS IVS Huntington Beach' logo and address: '19052 Goldenwest st. Huntington Beach, CA 92648 1-(877) 945 - 644'. Below this is the 'ADAS MAP Inspection Report' title. The report details include: 'RO Number: 47036949', 'Inspection Number: 90482', 'Year: 2022', 'Insurance: EXAMPLE INSURANCE', 'Make: Honda', 'Model: Accord Sport', 'VIN: 1HGCV1F31NA105932', and 'Estimator: Team, ADAS'. A red warning message states: 'IMPORTANT! Please validate vehicle is equipped with listed ADAS system components by performing a visual inspection!'. Under 'Scanning Requirements', it lists 'Pre & Post Scan Requirements' with a link to a PDF file: 'https://www.oem1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%29.pdf'. The bottom of the report contains a paragraph about American Honda's position on collision repair and diagnostic scans.

OPUS IVS Huntington Beach
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644

ADAS MAP Inspection Report

RO Number: 47036949 Inspection Number: 90482

Year: 2022 Insurance: EXAMPLE INSURANCE
Make: Honda
Model: Accord Sport
VIN: 1HGCV1F31NA105932 Estimator: Team, ADAS

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

Scanning Requirements

Pre & Post Scan Requirements https://www.oem1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%29.pdf

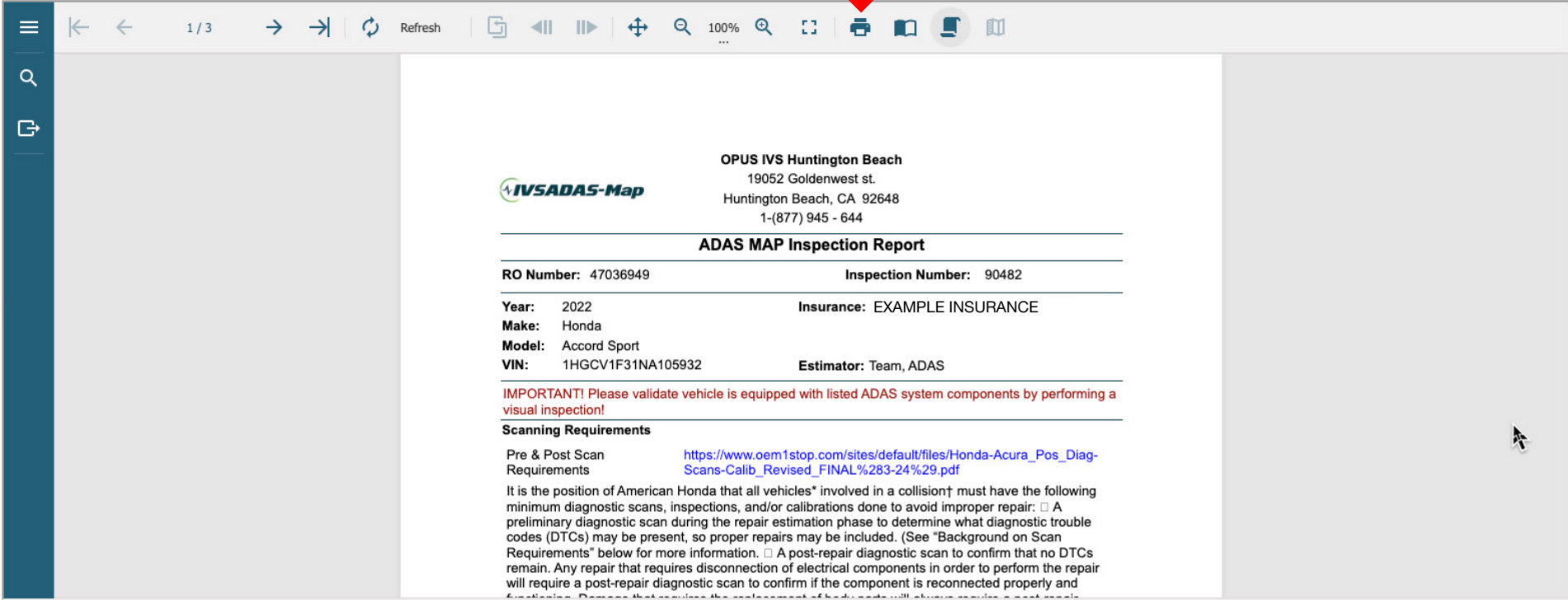
It is the position of American Honda that all vehicles* involved in a collision† must have the following minimum diagnostic scans, inspections, and/or calibrations done to avoid improper repair: □ A preliminary diagnostic scan during the repair estimation phase to determine what diagnostic trouble codes (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. Repairs that involve the replacement of body parts will always require a post-repair

Close

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- **ADAS MAP Report Print/Save**
- User can print or save a PDF file by clicking on the **PRINT ICON**

ADAS Inspection Report (for 67176-90482) ×



The screenshot shows a web browser window displaying an ADAS MAP Inspection Report. The report is titled "ADAS MAP Inspection Report" and is for inspection number 90482. The report includes the following information:

- OPUS IVS Huntington Beach**
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644
- ADAS MAP Inspection Report**
- RO Number:** 47036949 **Inspection Number:** 90482
- Year:** 2022 **Insurance:** EXAMPLE INSURANCE
- Make:** Honda
- Model:** Accord Sport
- VIN:** 1HGCV1F31NA105932 **Estimator:** Team, ADAS
- IMPORTANT!** Please validate vehicle is equipped with listed ADAS system components by performing a visual inspection!
- Scanning Requirements**
 - Pre & Post Scan Requirements: https://www.oem1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%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. Repairs that involve the replacement of body parts will always require a post-repair

Close

HOW TO ACCESS REPORTS IN THE ADAS MAP PORTAL

- ADAS MAP Report Print/Save
- User can print or save a PDF file by clicking on the **PRINT ICON**

The screenshot displays the ADAS MAP portal interface. On the left, a sidebar contains navigation options like 'Text Locations', 'My Website', and 'My V'. The main content area shows an 'ADAS Inspection Report' for 'OPUS IVS Huntington Beach'. The report includes details such as 'RO Number: 47036949', 'Inspection Number: 90482', 'Year: 2022', 'Make: Honda', 'Model: Accord Sport', and 'VIN: 1HGCV1F31NA105932'. It also lists 'Insurance: EXAMPLE INSURANCE' and 'Estimator: Team, ADAS'. A section titled 'Scanning Requirements' provides instructions on validating vehicle equipment. Below this, 'Identified ADAS Related Services to be Performed' are listed, including 'ADAS L3: Static Calibration (2)', 'Seat Belt Inspection (1)', 'Seat Related Calibration (1)', and 'Steering Angle Sensor (1)'. A table titled 'Calibrations' shows the 'ADAS System/Components', 'Location', and 'Calibration' for the 'Adaptive Cruise Control' and 'Millimeter Wave Radar'. The report concludes with a list of calibration requirements for the Millimeter Wave Radar sensor. A 'Print' dialog box is open on the right, showing '3 pages' and options to 'Save as PDF', 'All', 'Pages per sheet', and checkboxes for 'Print using system dialog...' and 'Open PDF in Preview'. A red arrow points to the 'Save as PDF' button. The dialog also has 'Cancel' and 'Save' buttons at the bottom.

OPUS IVS Huntington Beach
19052 Goldenwest st.
Huntington Beach, CA 92648
1-(877) 945 - 644

ADAS MAP Inspection Report

RO Number: 47036949 Inspection Number: 90482

Year: 2022 Insurance: EXAMPLE INSURANCE
Make: Honda
Model: Accord Sport
VIN: 1HGCV1F31NA105932 Estimator: Team, ADAS

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

Scanning Requirements

Pre & Post Scan Requirements https://www.opus1stop.com/sites/default/files/Honda-Acura_Pos_Diag-Scans-Calib_Revised_FINAL%283-24%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 (2)
Seat Belt Inspection (1)
Seat Related Calibration (1)
Steering Angle Sensor (1)

Calibrations

ADAS System/Components	Location	Calibration
Adaptive Cruise Control		
Millimeter Wave Radar	Front Bumper	ADAS L3: Static Calibration

Calibrate the Millimeter Wave Radar Sensor if:

- There's 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

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Print 3 pages

Destination Save as PDF

Pages All

Pages per sheet 1

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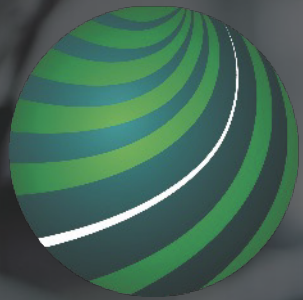
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ADAS MAP:
UNDERSTANDING ADAS
MAP REPORTING