HONDA

Job Aid

October 2023 Version 1

Getting Started Using Electronic Target Positioning Systems

AFFECTED VEHICLES

Applies to all models with millimeter wave radar, FCW/LDW camera, multipurpose camera, multi-view camera, Lanewatch™, and blind spot information radar.

INTRODUCTION

Many Honda vehicles have advanced safety driving support systems to help warn drivers and mitigate hazards. It is very important to be familiar with these systems and knowledge on how to properly aim the camera or radar units.

This job aid covers the use of the new electronic target positioning systems which will make the correct placement of both the radar and camera targets much faster and easier, as well as providing electronic and printed record confirming that the targets were correctly placed.

At the time of launch, the electronic target positioning systems will support a limited amount of vehicle models. Over a short period of time, support for all remaining applicable models will be added through software updates. Below are the models and systems currently supported by each system:

Target Positioning System	Currently Supported Models	Currently Supported Systems
Hunter Ultimate ADAS™	Until February 2024, all *except* the following are supported: 2011-2017 Odyssey 2016-2017 Accord Coupe 2016-2018 Pilot 2017-2018 Civic 2017-2018 Civic Hatchback 2017-2021 Clarity 2019-2022 Insight	Multipurpose camera Millimeter wave camera Blind Spot Information LaneWatch™ camera Multi View Camera System
Bosch SCT 418	All models with Multipurpose camera are currently supported	Multipurpose camera (Hardware to support the remaining systems will begin shipping to dealerships who ordered the SCT 418 beginning November 2023)

Applicable Acronyms

System	Abbreviation	Description
Adaptive Cruise Control	ACC	This system helps maintain a constant vehicle speed and a set following interval behind a vehicle detected ahead. For models with the added low speed follow (LSF) feature, if the vehicle ahead slows to a stop, the vehicle with LSF will slow down and come to a stop.
Auto High-Beam	AHB	This system can automatically switch the headlights from low beam to high beam using the multipurpose camera, depending on road conditions, oncoming vehicles, and vehicles ahead.
Blind Spot Information	BSI	This system can detect vehicles in specified alert zones next to the vehicle, particularly in harder-to-see areas commonly known as blind spots.
Collision Mitigation Braking System™	CMBS™	This system alerts you when there is a possibility of a frontal collision with a vehicle or pedestrian detected ahead. It also reduces vehicle speed to help minimize collision severity if a collision appears unavoidable.
Cross Traffic Monitor	CTM	This system monitors the rear corner areas using the BSI radar units when reversing and alerts you if a vehicle approaching from a rear corner is detected.
Forward Collision Warning	FCW	This system alerts you when it determines there is a possibility of a frontal collision with a vehicle detected ahead.
Lane Departure Warning	LDW	This system alerts you when it determines the vehicle maybe unintentionally crossing over detected lane markings.
Lane Keeping Assist System	LKAS	This system provides steering input to help keep the vehicle in the middle of a detected lane and provides tactile and visual alerts if the vehicle is detected drifting out of its lane.
LaneWatch™	LW	This system lets you check the passenger side rear areas on the audio or audio-navigation screen when the right turn signal is activated.
Multi View Camera System	MVCS	This system displays an image of harder-to-see areas commonly known as blind spots from different angles on the center display unit using four cameras.
Road Departure Mitigation	RDM	This system detects if the vehicle is drifting too close to the side of the road without a turn signal and can provide mild steering input to keep the vehicle on the road or braking to help keep it leaving the roadway entirely.

Overview

Early shipments of the Hunter Ultimate ADAS™ systems arrived at dealerships only with wheel alignment functionality and not target placement functionality enabled. Shortly after the arrival of the system, an additional package will arrive with the components and accessories required to activate target placement functions. To have these components installed and to receive training on the usage of the target placement functions, contact your local Hunter service representative.

Getting Started

Assembly, set up, calibration and software installation are performed by your local Hunter service representative. Contact your Hunter service representative to schedule an installation appointment.

Updating Software and Model Application Database

At launch, Hunter Ultimate ADAS™ software updates will be available only through your local Hunter service rep. Over-the-air updates will be available beginning mid-2024.

Usage

Follow on-screen instructions to determine free space requirements and placement of targets.

BOSCH SCT 418

Overview

Bosch SCT 418 requires a dedicated laptop computer separate from your HDS PC. Suitable laptop computers are available through the Honda Tool and Equipment Program.

For help and additional information on the SCT 418, visit the SCT 418 Help Center: https://help.boschdiagnostics.com/SCT418/#/index/en/default

Getting Started

Installing the Bosch ADAS Positioning via DDM.

1. If you have not yet installed DDM, download and install DDM: https://www.downloads.bosch-automotive.com/en/ddm/esi20

2. To request a DDM account, use the QR code or hyperlink below and go to the SCT 418 registration website and enter your dealer contact information:

   https://boschdiagnostics.com/esitronic-registration/hondaADAS

   NOTE: Shortly after submission, you will receive a system generated welcome email from DDM which includes a customer number, contact number, and password.
3. Use the customer number and password to log into DDM.
4. Perform the one-time configuration of DDM.
5. Select **Bosch ADAS Positioning** for installation.
6. Once completed, *Bosch ADAS Positioning is installed on the laptop* will be displayed.

Setting up the Bosch ADAS Positioning software

1. Select a language.
2. Select the accessories used.
3. Add the calibration device under **Settings**.

Initializing cameras using QR codes.

NOTE: After the Bosch ADAS Positioning software is installed, use the 2 camera QR Codes that came with the SCT 418 and follow the step-by-step on-screen instructions to initialize the cameras.

1. Launch **Bosch ADAS Positioning**.
2. Plug the USB connecting cable on the SCT 418 crossbar into the laptop.
3. Allow some time for the cameras to initialized.
4. Camera images will be displayed, and the serial numbers of each camera are saved in the settings.
5. Read and follow the on-screen instructions.

   NOTE: The 2 QR codes are specific to the respective cameras. If a camera is not recognized during camera initialization, try using the other QR code.

Updating Software and Model Application Database

All updates for the Bosch ADAS Positioning are automatically installed via DDM.

Usage

Follow the on-screen instructions to determine free space requirements, floor slope limitations and placement of targets.