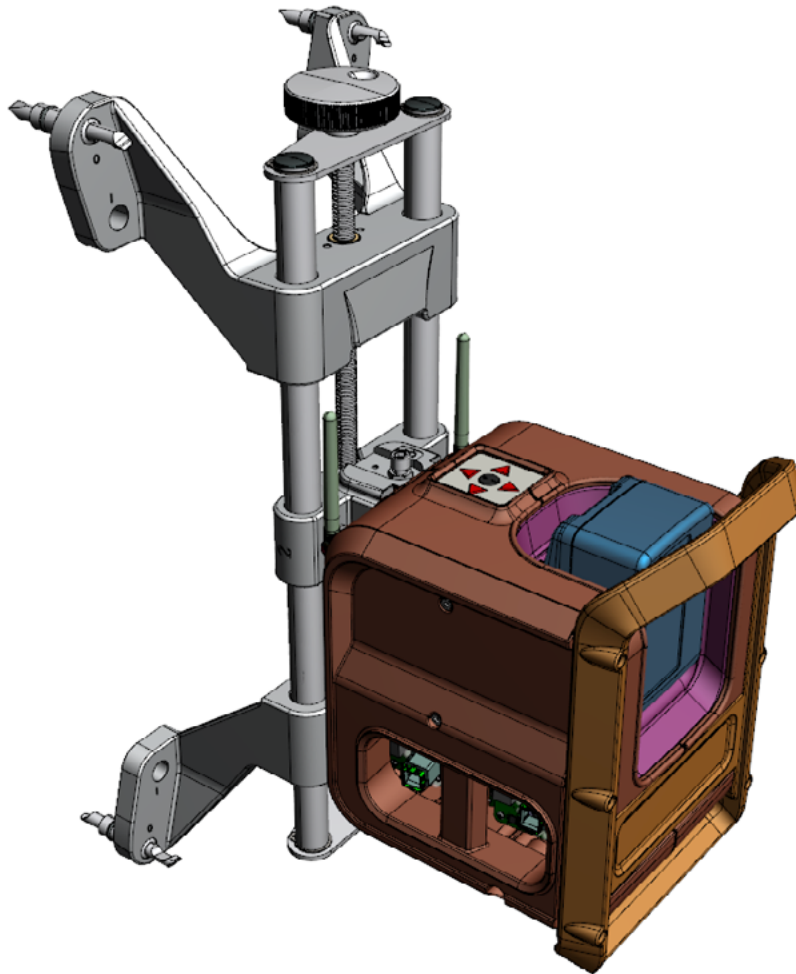

Portable Imaging Aligner

Quick Start Operators Manual

Form ZEEWAEU551H Rev A



SAFETY INFORMATION

For your safety, read this manual thoroughly before operating the equipment.

The Aligner is intended for use by properly trained skilled automotive technicians. The safety messages presented in this section and throughout the manual are reminders to the operator to exercise extreme care when performing wheel alignments with this product.

There are many variations in procedures, techniques, tools, and parts for servicing vehicles, as well as the skill of the individual doing the work. Because of the vast number of vehicle applications and potential uses of the product, the manufacturer cannot possibly anticipate or provide advice or safety messages to cover every situation. It is the automotive technician's responsibility to be knowledgeable of the vehicle to be aligned. It is essential to use proper service methods and perform wheel alignments in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area or the equipment or vehicle being serviced.

It is assumed that, prior to using the Aligner, the operator has a thorough understanding of the vehicle systems being serviced. In addition, it is assumed he has a thorough knowledge of the operation and safety features of the alignment rack or lift, and has the proper hand and power tools necessary to perform wheel alignments.

When using your garage equipment, basic safety precautions should always be followed, including:

1. Read all instructions.
2. Care must be taken as burns can occur from touching hot parts.
3. The socket-outlet (wall outlet) shall be located near the equipment and shall be easily accessible.
4. Do not operate power tools or equipment with a damaged power cord or if the equipment has been dropped or damaged until it has been examined by a qualified serviceman.
5. Do not let cord hang over edge of table, bench or counter or come in contact with hot manifolds or moving fan blades.
6. If an extension cord is necessary, a cord with a current rating equal to or more than that of the equipment should be used. Cords rated for less than the equipment may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
7. Always unplug equipment from electrical outlet when not in use. Never use the cord to pull the plug from the outlet. Grasp plug and pull to disconnect.
8. Let equipment cool completely before putting away. Loop cord loosely around equipment when storing.
9. To reduce the risk of fire, do not operate equipment in the vicinity of open containers of flammable liquids, such as gasoline.
10. Adequate ventilation should be provided when working on operating internal combustion engines.
11. Keep hair, loose clothing, fingers, and all parts of body away from moving parts.
12. To reduce the risk of electrical shock, do not use on wet surfaces or expose to rain.
13. Use only as described in this manual. Use only manufacturer's recommended attachments.
14. **ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
15. Know and understand the proper operating procedures for all power tools used.
16. *Caution:* Risk of explosion if any battery is replaced by an incorrect type. Dispose of used batteries according to local and state government regulations.

**IMPORTANT!! SAVE THESE INSTRUCTIONS
DO NOT DISCARD!!**

**Declaration of Conformity
Déclaration de Conformité
Konformitaetserklaerung
Dichiarazione di Conformita
Declaração de Conformidade**

Application of council directives: Conformité suivant directives: Zutreffende Richtlinien: Conforme alle seguente direttive: Conforme as seguintes Directivas :	2014/30/EU 2014/53/EU
Standards to which conformity is declared: Normes utilisées pour la déclaration de conformité: Zutreffende Normen: Normative utilizzate per la dichiarazione: Normas utilizadas para a Declaração:	EN 301 489-1V1.9.2 :2011 EN 61326-1:2013
Manufacturer's name Nom du fabricant: Hersteller: Fabbrikante: Fabricante:	Snap-on Equipment srl A division of Snap-on Incorporated
Manufacturer's address: Adresse du fabricant: Hersteller Adresse: Indirizzo del fabbricante: Morada do fabricante:	Via Prov. Carpi 33 42015 Correggio (RE) Italy
Type of equipment: Type de matériel: Materialbeschreibung: Tipo di attrezzatura: Tipo de equipamento:	WHEEL ALIGNERS
Model: Modèle: Modell: Modello: Modelo:	EEWAEU551H; EEWAEU551H1 EEWAEU751H; EEWAEU751H1
S/N:	

Snap-on Equipment hereby declares that the equipment specified above conforms to the directives and standards.

Snap-on Equipment déclare que l'équipement ci-dessus est conforme aux directives et normes ci-dessus.

Snap-on Equipment bestaetigt, dass die O.G. Ausruestung den O.G. Richtlinien und Normen entspricht.

Snap-on Equipment attesta che il materiale sopra citato e conforme alle sopra citate direttive e normative.

Snap-on Equipment declara que o equipamento acima especificado esta conforme as directivas e normas supra citadas.

Signature / Unterschrift / Firma / Assinatura

Name / Nom / Nome

Francesco Frezza

Position / Titel / Posizione / Cargo

Director of Operations Snap-on Equipment Europe

Date / Datum / Data

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SYSTEM STARTUP

Once the aligner is in the alignment location plug power cord into the wall outlet.

System Power Requirements:

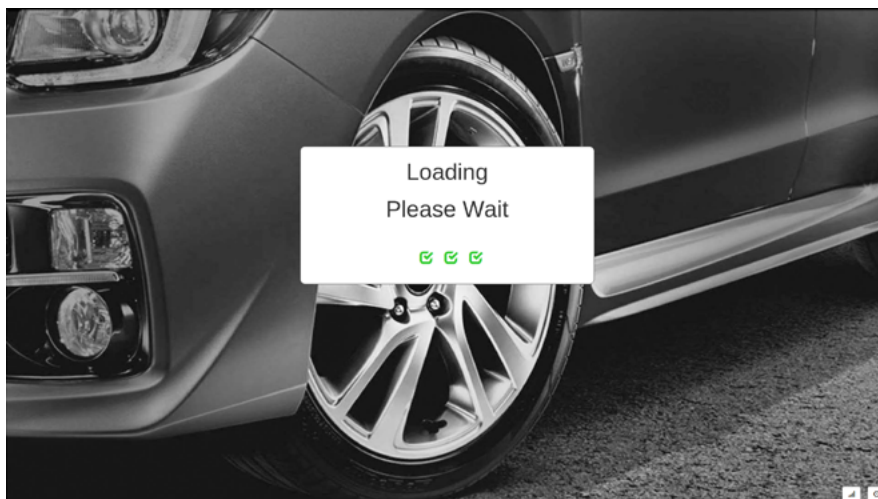
100-230v AC, 15 amp Circuit, 50/60HZ. (must have Earth ground)

Step one - Power on the Rear Pods and Left Reference Pod by momentarily pressing and releasing the I/O  button.

Step two - Locate the power switch located inside the cabinet along the upper left side. Switch to the On position and allow a few moments for system startup.




When the power switch is turned on, the unit initiates the system boot-up. This boot sequence will take a few moments.



The Home screen will appear next as the software finishes loading.

SHUTTING OFF THE ALIGNER

Use the following steps to shut down the aligner from within the Alignment software:

1. Return to the Home Alignment screen.
2. Open the front console door and toggle the power button to the “OFF” position.
3. The system will automatically shutdown.
4. Power off the Rear Pods and Left Reference Pod by pressing the I/O button  for 5 seconds, until the lights go off.

SYSTEM MAIN MENU

All system usage resides from the Home Screen. Each function of the aligner will be followed with screen prompts. The user needs to simply click a command and the aligner will easily prompt the user to the next step. No guessing required as the system has been designed with each user in mind.



- **Start Alignment** - Begin an alignment process
- **Vehicle Selection** - Allows specific make/model/year to be chosen
- **Preferences** - A menu to setup the aligner for desired user interaction
- **Service** - Choose to access the local or network server, access the Calibration sub menu and several diagnostic screens
- **Help** - Select to display assistance for the selected screen.

NOTE: THE “MENU” PULL OUT TAB IS AVAILABLE ON MOST PAGES TO ALLOW YOU ACCESS OF IMPORTANT SCREENS REGARDLESS WHERE YOU ARE IN THE ALIGNMENT PROCESS.



BATTERY INSTALLATION

NOTE: Batteries are shipped with less than 20% charge for safety. They must be charged prior to use. (See battery Charging Section)

Installing batteries: Grasp battery and press firmly into the pod until seated.

Removing batteries: Grasp battery, push in button on the battery and pull up.



*It is recommended to remove the batteries and charge them at the end of each work day. This ensures fresh charged batteries for the beginning of the next day.

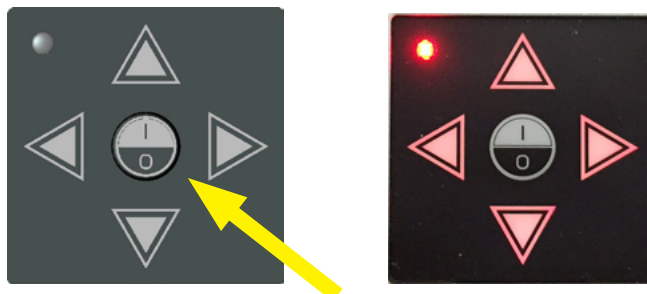


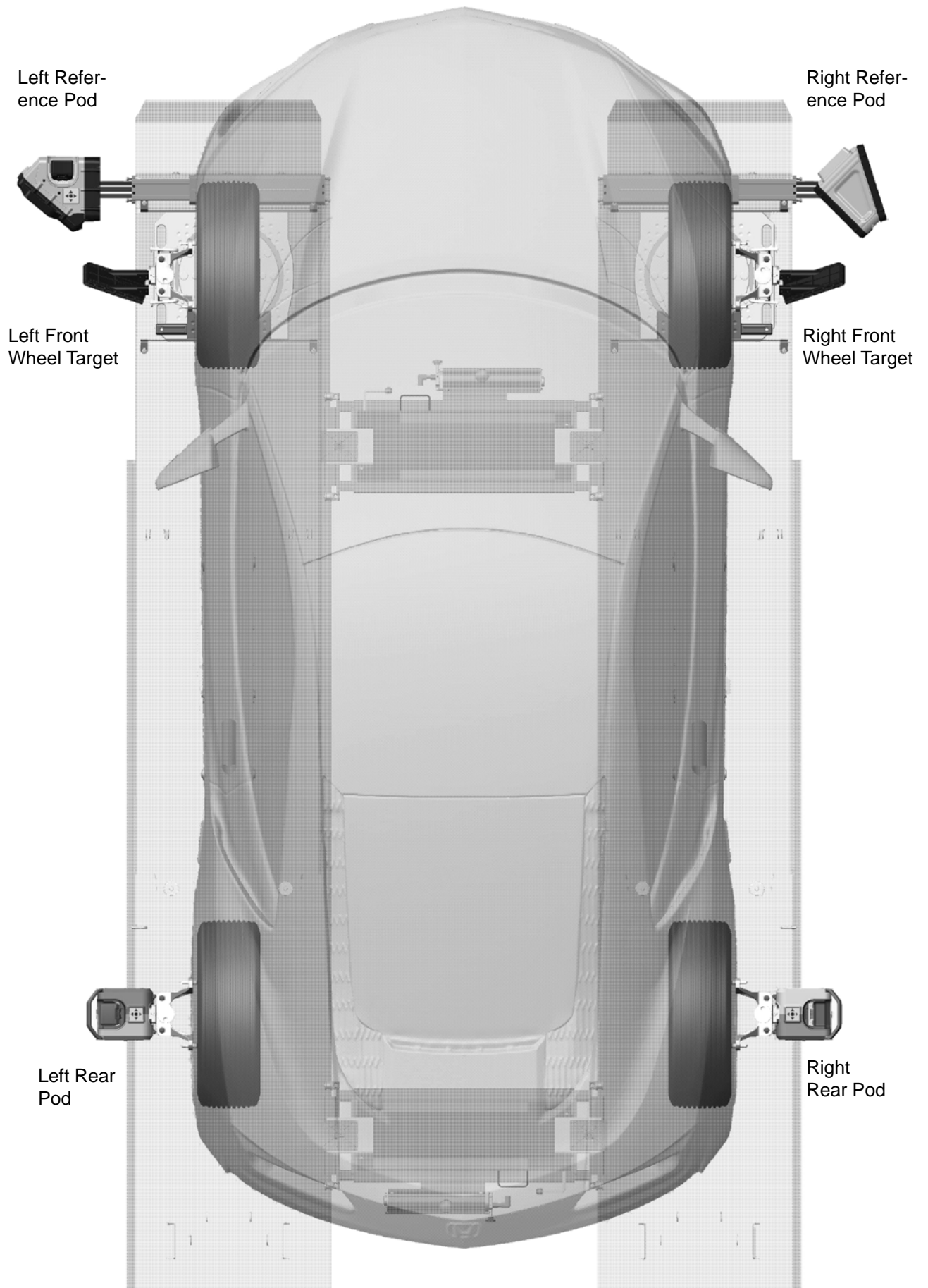
POWERING ON/OFF PODS

-Press and release the power button. The red LED will come on and the arrows will illuminate red.

-Once powered up, the pods will connect wirelessly to each other and the arrows on the switches shown below will light on/off in a circular motion.

-To power off the pods, press and hold the power button for 5 seconds.





BATTERY CHARGING

1. Insert battery pack in the charger. Position the battery pack so that the battery sits flush with the top of the charger. The green light will start flashing. This indicates the charger is charging the battery pack.
2. The fuel gauge on the battery pack will display the charge percentage % value status. Standard fast charging time is 45 minutes. - When the battery is 25% charged, one light will be solid green.
3. When the fast charge is complete all (4) lights on the battery pack will be solid green indicating battery is fully charged and charger will indicate solid green light.
4. If the LED on the top left side is flashing a yellow light then the battery pack is either hot or cold. The charger will not fast charge the battery if it is too hot or cold. The charger goes into a fast charge mode when the battery temperature is between 32°F (0°C) and 113°F (45°C).
5. If the LED on the top left hand side is flashing a red light, the battery pack is faulty and the charger will not charge the battery.
6. When the fast charge is complete, battery voltage is detected by the charger and it automatically turns off to prevent an over-charge and all four lights on the battery fuel gage will be on and charger will indicate solid green light



BATTERY PACK FUEL GAUGE

- L1 -Solid Light 25% Charge
- L2 -Solid Light 50% Charge
- L3 -Solid Light 75% Charge
- L4 -Solid Light 100% Charge

Press the fuel gauge button, the display lights will light up and show the battery pack's remaining run time. The lights stay on for 5 seconds.

Note: If fuel gauge is not working, charge the battery pack.

Charge Cycle Counter

Press the fuel gauge button for twenty (20) seconds to read the charge cycle counter.
Count number of flashes to figure out cycle count.

Example 1:

- L1 -Flashes one (1) time
 - L2 -Flashes three (3) times
 - L3 -Flashes four (4) times
 - L4 -Flashes five (5) times
- It means battery was charged 1,345 times

Example 2:

- L1 -No flashes
 - L2 -Flashes six (6) times
 - L3 -Flashes seven (7) times
 - L4 -Flashes eight (8) times
- It means battery was charged 678 times



ATTACHING PODS TO THE RACK

*The pods can remain attached to the rack for storage purposes. If desired to remove the pods for storage, reverse the procedure below to remove the pods and store in the cabinet per the section on the next page.

1. Slide the reference pod assembly onto the mating extrusion (on the rack) as shown below.



2. Secure to the extrusion by locking the cam lever as show below.



POD STORAGE

When not in use, the reference pods can be stored in the bottom of the cabinet. The pods fit well when nested as shown below.

1. Insert the left reference pod (cam lever end first) on the left side of the bottom shelf.



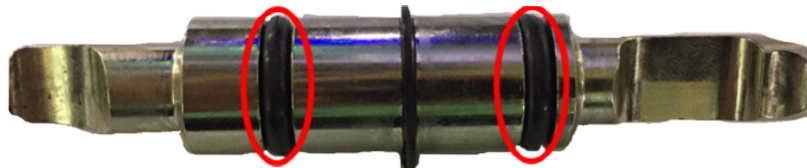
2. Insert the right reference pod (cam lever end first) on the right side of the bottom shelf.



MAINTENANCE - SERVICE

Service of a tool requires extreme care and knowledge. Service should be performed only by a qualified service technician.

- Always check equipment for damaged parts before use.
- Replace or repair damaged parts before use. Check alignment of moving parts. Binding of moving parts or broken parts may alter operation.
- Have damaged parts properly repaired or replaced by an Authorized Service Center.
- Do not use equipment if switch does not turn it on and off.
- Maintain equipment. Keep equipment dry, clean and free of oil and grease for better and safer performance.
- When charging or discharging a lithium-ion battery over a short period of time, the internal temperature of the battery pack increases substantially. This is normal.
- Under ideal working conditions the useful life of a lithium-ion battery pack is around 1000 charge - discharge cycles. Improper care and maintenance shortens battery life and the amount of time the battery holds a charge.
- Use only with Snap-on charging equipment that specifies a CTB series battery pack.
- Avoid short circuiting the battery pack. Permanent damage of the pack can occur from high current discharge.
- Clean the glass surfaces of all targets once a week with an ammonia-free cleaner and a lint-free cloth.
- Lightly lubricate the lead screw on the wheel clamps once a month with machine oil.
- Lightly lubricate the rubber o-rings on the wheel clamp claws once a month with machine oil.



- For the location of the nearest Snap-on repair center, call Snap-on customer service.

WARNING

- Use safety equipment, Always wear eye protection.
- Wear safety gloves as necessary to protect hands.
- Not for outdoor use exposed to rain or heavy condensation

Information:

The unit may become unresponsive in the event of a severe power fluctuation such as Electrical Fast Transients or Electrostatic Discharge. To restore the unit to operating condition, turn off all power switches, wait 10 seconds, and then turn back on.

NOTES:

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