



AMPLO



USER'S MANUAL



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Maximum care and attention has gone into the preparation and verification of this manual. Amplo S.r.l. shall accept no liability for incorrect installation of the system. The same applies to every person or company involved in the creation and production of this manual.





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0. General information

0.1 Purpose of the user's manual

i IMPORTANT! The user, maintenance technician and person in charge of health & safety must read and understand the contents of this manual before starting the device.

This manual must be considered an integral part of the device to which the information on correct use and maintenance provided herein refers.

It contains instructions which the system user must become familiar with. It is assumed that the user has adequate knowledge and a suitable psychophysical attitude.

- no liability shall be accepted for harm to persons or damage to things caused by incorrect, neglected or inadequate maintenance.
- this Manual cannot replace the professional knowledge and skills of the installer and the care and attention of the user.

The Reader may request further information if required.
Should this Manual get lost or damaged, a new copy must be ordered.

0.2 Retention

It is the consignee's responsibility to ensure that a copy of this User's Manual is always readily available for consultation.

The instruction manual must be preserved carefully and must accompany the system throughout all changes of ownership.

Protect the manual by handling it with care, with clean hands, and avoiding placing it on dirty surfaces. Keep the manual in a place where it is protected from heat and moisture. Do not tear out, remove, or arbitrarily alter any parts of the manual.

0.3 Updates to the use and maintenance

Due to continual product updating and development, this Manual may be subject to amendments and integrations without prior notice from the Manufacturer.

0.4 How to consult the manual

This Manual is made up of:

- ANALYTICAL INDEX

Consult the index to find the chapter or heading containing notes and information on a specific topic.



0.5 Editorial pictograms

To ensure an in-depth knowledge of the system, the text of this User's Manual is accompanied by indications that complete it, providing supplementary information, essential precautions or significant hazards that need to be considered; the following notation is used in this regard:



HAZARD: indicates situations or operations that absolutely must be performed, or information to which special attention must be given, to avoid harm to persons.



WARNING: indicates situations or operations which may cause damage to the device and any equipment connected to it.



ENVIRONMENTAL NOTE: indicates situations or operations which may cause damage to the environment.



NOTE: indicates notes, warnings, tips and other points to which the reader's attention is called, or otherwise completes an explanation with added information.

0.6 General definitions

Some recurring terms in the manual are described to ensure a more complete understanding of their meaning.

The machine described herein, will simply be referred to as the System.

Amplo S.r.l., the company which makes the aforementioned system, will be referred to as the Manufacturer.

User: person in charge of using the System who, in particular, deals with the use and routine maintenance of the stabilization system.

1. General information

1.1 Manufacturer's identification data AMPLO S.R.L.

Via Oceano Atlantico, 8 - 41012 Carpi (MO), ITALY
Tel. (+39) 059 6340104 - Whatsapp: +39 370 3648069
Email: info@amplo.it

With reference to the contents of this manual, Amplo S.r.l. disclaims all liability in the event of:

- using the machine contrary to national law on safety and accident prevention
- defects in voltage and electric power supply and/or other sources of power
- incorrect or non-observance of the instructions given in this manual
- unauthorized modifications to the machine
- use by untrained or unfit personnel

Therefore: any modification made without a written notice to the manufacturer shall forfeit the Declaration of Conformity actually CANCELING all responsibility and warranty of the manufacturer.

The manual must be kept in an accessible place for operators protecting it from any kind of deterioration.

In order to request a duplicate, it is necessary to specify:

- model
- serial number
- manufacture date

Before proceeding with use and maintenance, the operator must read the manual carefully, paying the utmost attention to the messages highlighted with the hazard symbol: they contain necessary instructions for using the machine correctly in conditions of maximum safety.



1.2 Nameplate

On the hydraulic power pack there is the Manufacturer's nameplate as required by the Machinery Directive. In the event of damage or loss, the installer must order a replacement.



CAUTION: It is absolutely forbidden to remove or tamper with the nameplate.



IMPORTANT! Please refer to the User's Manual for identifying the nameplate.

Power board (Power Unit) nameplate

The Nameplate on the back of the power board (Power Unit) provides the following information:



- Model
- Serial number
- Year of construction
- Power
- Voltage



Certification of conformity to EU directives



Consult the instructions before use



Device to be disposed of in accordance with the prescriptions provided in EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)



1.3 Declaration of Conformity

The declaration of conformity, shown below as a FACSIMILE image, is available on request.

  VIAGGIARE SENZA COMPROMESSI

DICHIARAZIONE DI CONFORMITÀ

ai sensi dell'Allegato II A della Direttiva Macchine 2006/42/CE

Il sottoscritto fabbricante:
AMPLO S.R.L.
con sede in
VIA OCEANO ATLANTICO N° 8
41012 FOSSOLI DI CARPI (MO) - ITALY
P. Iva 02977670369

DICHIARA
sotto la propria responsabilità che il **dispositivo** denominato:
SISTEMA DI STAZIONAMENTO PER VEICOLI
Modello/tipo:
Matricola/Serie:
Anno di costruzione: **2023**

è conforme alle esigenze imposte dalle seguenti Direttive Comunitarie :

Direttiva 2006/42/CE
del Parlamento Europeo e del Consiglio del 17 maggio 2006 relativa alle macchine e che modifica la direttiva 95/16/CE.
Direttiva 2014/35/UE
del Parlamento europeo e del Consiglio del 26 febbraio 2014 concernente l'armonizzazione delle legislazioni degli Stati membri relative alla messa a disposizione sul mercato del materiale elettrico destinato a essere adoperato entro taluni limiti di tensione.
Direttiva 2014/30/UE
del Parlamento europeo e del Consiglio del 26 febbraio 2014 concernente l'armonizzazione delle legislazioni degli Stati membri relative alla compatibilità elettromagnetica

Norme armonizzate, norme nazionali e regole tecniche considerate:
EN ISO 12100 (sicurezza del macchinario)
EN 60204 - 1 (sicurezza dell'equipaggiamento elettrico)

luogo : Carpi (MO)
data :

Il rappresentante legale
Sig. AMPLO IGNAZIO
.....

Autorizzata a costituire il fascicolo tecnico:
AMPLO S.R.L.
VIA OCEANO ATLANTICO N° 8
41012 FOSSOLI DI CARPI (MO) - ITALY

AMPLO S.r.l. Via Oceano Atlantico n.8 • 41012 Carpi (MO)
Tel. + 39 059 6340104 • Cell. + 39 370 3648069 • [www.ampla.it](mailto:info@ampla.it) • info@ampla.it
• P.IVA 02977670369 • SDI. SUBM70N





1.4 After-sales assistance

Whenever requesting technical assistance for the system, always provide the following information:

- data provided on the nameplate;
- detailed information on the defects encountered.

For any assistance, contact the Manufacturer's Assistance Service.



CAUTION: The Manufacturer disclaims all liability for accidents involving persons or things caused by failure to observe the instructions and regulations provided in this manual or the non-observance of the safety and accident prevention regulations in force in the country of use.

1.5 Testing

The system is tested directly by the Manufacturer during the manufacturing stages and following installation.

If the system is installed by an Authorized Installer, it is the Installer's responsibility to execute system testing following installation.

1.6 Warranty

The Terms and Conditions of the Warranty are stipulated in the conditions of sale.

2. General safety indications general warnings

The system has been constructed in accordance with the principles set out in the applicable EU Directives and Standards and is equipped with all the necessary active and passive safety devices required to safeguard the operator.



CAUTION: Consequently, any intervention which alters the system configuration shall automatically exonerate the Manufacturer from all liability.

Please note that any use other than as indicated in this manual shall also exonerate Amplo S.r.l. from all liability for any risks which may occur.



2.2 Intended use of the device

This leveling system for campervans, motorhomes and trailers, etc. is designed to stabilize and level the vehicle on four hydraulic jacks. Once the vehicle has been leveled on the jacks it is much more stable and prevents any unwanted movement of the vehicle when walking around inside.

The system also works as an effective theft deterrent for parked vehicles, helps to prevent tire deformation during vehicle storage and makes it easier to change tires, install snow chains, drain off waste water, and wash the roof, etc.

2.3 Improper use of the device



The following uses of the device are strictly forbidden:

- using the device to perform operations other than those for which it has been designed and built, as described in subsection 2.2;
- non-observance of safety regulations;
- operating the device using procedures other than those described in this manual;
- using components not envisaged in the design phase;
- non-observance of the set maintenance schedules;
- performing work on the device which alters the components or parameters affecting its operation;
- unauthorized use of non-genuine spare parts or components not approved by the Manufacturer;
- any structural alteration or intervention without the Manufacturer's authorization;



Improper use of the system may lead to serious injury or physical damage to things.



NOTE: Improper use and/or negligence, as listed above, will result in:

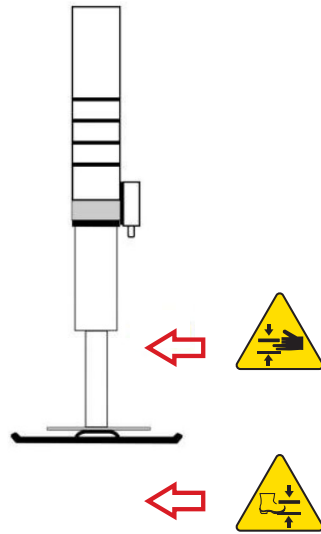
- the immediate cancellation of the warranty entered into with the Manufacturer at the time of purchase;
- the cancellation of the Manufacturer's Liability for damage caused to persons, objects, or animals.



CAUTION! If the system or any of its parts are dropped or suffer any heavy impact, they must be inspected by the Manufacturer's technical staff before being put back into service.



2.4 Residual risks



Residual risk of crushing

Residual risk of crushing near the hydraulic jacks. Do not place your hands or feet between the bracket and the jack, under the plate, or between the rods of the jack.

2.5 Engineering criteria

This leveling System has been designed by applying the principles and concepts introduced by the pertinent EU directives and the relevant sections of the harmonized standards indicated below:

Applicable Directives:

- Machinery Directive 2006/42/EC.
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU.
- Low Voltage Directive 2014/35/EU.

3. Description of the system

This leveling system for campervans, motorhomes, trailers, etc. is designed to stabilize and level the vehicle on four hydraulic jacks by exploiting the available stroke.

The stabilization system kit for vehicles is made up of:

- display.
- power board (Power Unit).
- level sensor.
- remote control;
- four hydraulic jacks;
- hydraulic system (controller, pipes, fittings).

3.1 Technical data

Commercial name: Amplo Level System

Model:

Serial number:

Year of manufacture: ...

Power supply: 12 Volt DC

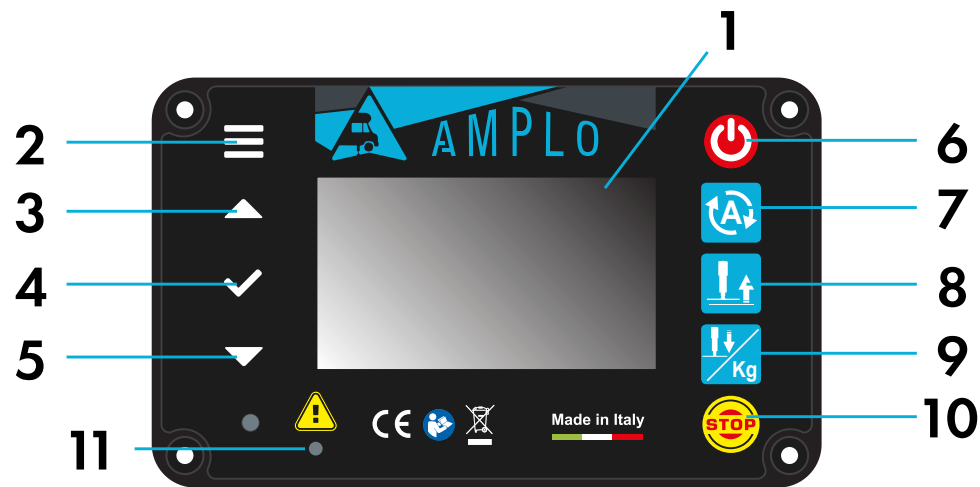


3.2 Description of components

3.2.1 The Display

i **CAUTION:** Incorrect use of these buttons could result in damage to the structure and/or injury to people.

The Display is made up of:



- 1 Display
- 2 MENU
- 3 Navigation button
- 4 Confirmation button
- 5 Navigation button
- 6 ON/OFF button
- 7 Self-level control button
- 8 Automatic retraction button
- 9 Landing for all jacks without leveling / "Weighing" if enabled
- 10 STOP (EMERGENCY)
- 11 Jack(s) lowered with the ignition key turned warning (red LED)












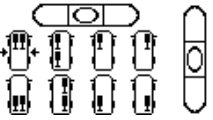



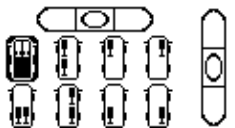





The Display, installed inside the cab or in other positions but only inside the vehicle, can emit warnings or indications with sounds and icons as listed below.





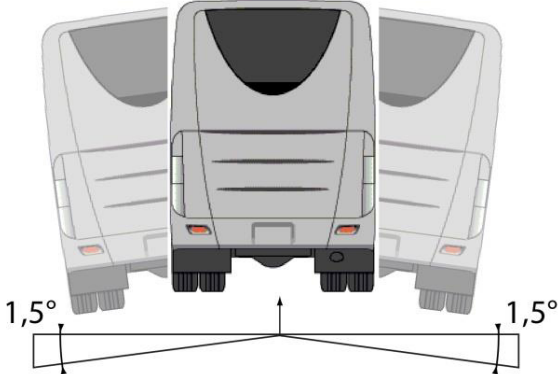


	PRESENTATION PAGE When turned on, the word "AMPLO" appears followed by the logo.
	1) You will be prompted to enter a password (by default it is: 0 0 0 0)
	Use the ▼ and ▲ arrows to scroll through the numbers on the keypad
	Pressing the ✓ button selects the desired number.
	If you enter the correct password, the padlock will open, the system unlock and you enter the HOME page at point 2 .
	Otherwise, the padlock will appear with a cross on it.
	If 3 incorrect passwords are entered, the system will lock for 30 seconds. To enter the password again, go back to point 1.

	To enter a custom password, turn on the system and press the ≡ button for 10 seconds.
	Always use the ▼, ▲ arrows and the ✓ button to select your custom password.
	The password is now saved in the system.
	The system is unlocked and access is provided to page 2) HOME .
	By pressing the off button you can decide whether to: Lock the system with the password, on switching the system back on the page will appear to "Enter password" at point 1 .
	Do not use the password, then on switching the system back on the " HOME " page will appear at point 2 .
	2) HOME After the presentation page, the HOME page appears. On this page it is possible to execute: 1. Manual functions: activation of the jacks using the remote control. 2. Automatic functions: for self-leveling, automatic retraction and jack landing using either the remote control or the keypad (weighing function if enabled).



 MENU   	MENU Press the "MENU" button () at top left to select the INSTALLER menu (1) or the USER menu (2). Access to the INSTALLER menu is EXCLUSIVELY for personnel authorized by the Manufacturer or Authorized Installer.
     	On entering the USER menu you can select the jacks manually (1) from the display panel (for example if the remote control has gone missing or is broken), operate the 6 additional channels (special installation) or enable the automatic water dumping sequence (3) which tilts the campervan over towards the drain opening to facilitate emptying the tank.
	MANUAL JACK ACTIVATION MODE (1) Page with X-AXIS (longitudinal) and Y-AXIS (transverse) level display. Use the  and  arrows to scroll through the various boxes. To select the required jacks, press  .
	The selected box will change color and the display panel will give out an intermittent acoustic signal. To raise or lower the jack(s) press the  or  arrow. To exit the selected box, press the  button. To exit "Manual Jack Activation Mode", press the "MENU" button () at top left. To exit the main menu, press the "MENU" button () again.

   	WATER DRAIN MENU (3) Left (1) or Right (2) Water Drain mode selection page. Select box (1) to tilt the campervan over to the left (only the front and rear right jacks are enabled). Select box (2) to tilt the campervan over to the right. (only the front and rear left jacks are enabled). The campervan must be on level ground in order to perform the water drain function. 
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3.2.2 Self-leveling, jack landing and automatic retraction functions

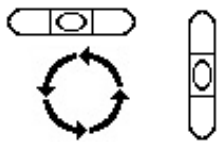
These three automatic functions are activated using the following buttons:

Self-leveling function (↕).

For correct use of the self-leveling system:

- position the vehicle, switch off the engine, with first gear engaged.
- have everyone get out of the vehicle or ask them to remain still.
- turn on the display.
- press the self-leveling button ↕ on the remote control or display panel.
- make sure the system correctly performs self-leveling.
- in the event of any anomalies, press the "STOP" button.

CAUTION: In very windy conditions the self-leveling and jack landing sequences may stop or take a long time to complete. Should this occur, press the STOP button to abort the sequence, turn the display off and back on again and use the manual commands to level the vehicle.



Self-Leveling Graphics sequence


Displayed throughout the duration of the sequence.

CAUTION: The tires must be as close to the ground as possible, if they tend to rise a lot, the jacks must be slightly closed or shims placed between the tire and the ground.

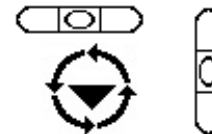
Jack landing function (↕).

CAUTION: In very windy conditions the self-leveling and jack landing sequences may stop or take a long time to complete. Should this occur, press the STOP button to abort the sequence, turn the display off and back on again and use the manual commands to level the vehicle.

↕ Jack landing button

- position the vehicle, switch off the engine, with first gear engaged.
- have everyone get out of the vehicle or ask them to remain still.
- turn on the display.
- press the jack landing button ↕ on the remote control or display panel.
- make sure the system correctly performs the landing operation.
- in the event of any anomalies, press the "STOP" button .

IMPORTANT! The landing function is carried out even when the vehicle is tilted beyond the parameters set by the installer as landing is executed only to take some of the weight off the tires. Take care, the vehicle must not be raised off the ground.





Jack Landing Graphics sequence


Displayed throughout the duration of the sequence.

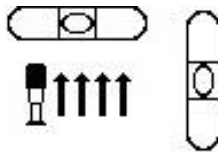


Automatic retraction function ().

- Make sure that there are no obstacles, animals or people around or under the vehicle.
- Turn on the display.
- Disengage the handbrake while leaving the transmission in gear.
- Press the automatic retraction button  on the remote control or display panel.
- **Check that the system performs automatic retraction correctly and that the jacks are fully closed before switching on the vehicle.**
- In the event of any anomalies, press the "STOP" button .

If the installer has enabled automatic retraction using the handbrake the procedure is as follows:

- Make sure that there are no obstacles, animals or people around or under the vehicle.
- Turn on the display.
- Release the parking brake (if engaged, if the brake is not engaged activate it and then release it).
- In the event of any anomalies, press the "STOP" button  or re-engage the parking brake to stop the automatic retraction sequence!
- To recommence the automatic retraction sequence following an interruption brought about by engaging the parking brake, simply release the brake and the sequence will recommence, stopping when all the jacks are fully retracted.




Automatic Retraction Graphics Sequence
Displayed throughout the duration of the sequence.

Weighing function ().

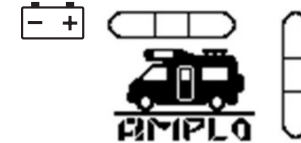
This function needs to be enabled and requested when ordering.
Refer to the specific manual.

3.2.3 Battery voltage indicator

The Amplo self-leveling system is equipped with electronics that can monitor the status of the vehicle's battery.

If the "" icon (top left) appears on the display during system operation and then disappears after 2 sec., it means a voltage of less than 7,5 volts has been detected during operation:


Voltage detected < 7,5 Volts




After 2 seconds the "" symbol disappears



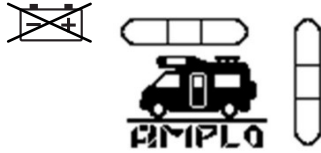
CAUTION ! If the "" symbol appears repeatedly, recharge the battery as soon as possible.


If the "" symbol appears during the post-installation tests, make sure that the vehicle's battery is charged or check the tightness of the electric motor power cable terminals and the electronic board power supply wiring harness.

If the "" icon (top left) appears on the display during system operation, in both automatic and manual mode, it means a voltage of less than 7.5 volts has been detected during operation:



Voltage detected < 7.5 Volts




(To clear the "  " symbol, turn the board off and then back on again)



CAUTION !

If the "  " symbol appears, recharge the motor battery IMMEDIATELY before retracting the jacks.

If the "  " symbol appears during the post-installation tests, make sure that the vehicle's battery is charged or check the tightness of the electric motor power cable terminals and the electronic board power supply wiring harness.




Operating mode

3.3.1 Manual mode


Manual mode can be executed both with the remote control and from the display panel using the "manual jack activation mode":

- **always engage gear and apply the handbrake (except for the ALKO chassis)** before taking any action.
- check that all jack landing locations are free of drain covers, metal grilles or any other surface which may not be suitable for supporting the weight the jack will exert. Also make sure all persons, pets and property are clear of the vehicle.
- **ALWAYS check the electronic spirit level** on the display to see how much the vehicle is tilted.
- if "!" appears next to one or both of the electronic spirit levels it means that the vehicle is tilted too much and there is a possibility that, by raising the jacks to level the vehicle, the wheels will be lifted off the ground.
(The manufacturer will not be liable for any damage if the vehicle is raised completely off the ground).
- if you wish to execute leveling in manual mode, first activate the pair of jacks on the MOST TILTED side of the vehicle.
- afterwards, lower the other pair of jacks.
- once all four jacks are resting on the ground, level the other axis.
- at the end of leveling operations, switch off the display.




	Longitudinal axis out of level
	Longitudinal and transverse axis out of level
	CAUTION: Every time an "!" appears at one end of the electronic spirit level and an X on the campervan it means that side of the campervan is too tilted and the self-leveling sequence will not be possible.
<p>The only automatic functions which can be executed are jack landing and automatic retraction. Manual jack commands can be executed from both the panel and the remote control under the user's responsibility.</p> <p>The manufacturer shall not be held liable in the event of any harm to people or damage to property.</p>	

STOP FUNCTION

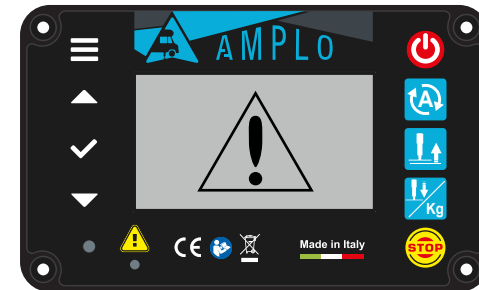
The STOP function  can be activated from both the remote control and the display panel.

It is shown on the display by an icon which appears on the whole screen.

When the STOP button  is pressed, the system stops and no functions can be performed, neither manual nor automatic.

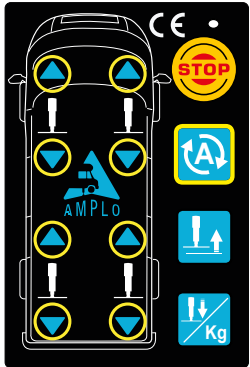
To reset STOP mode, turn off the display and switch it back on again .

When the STOP button is pressed the following icon appears on the display:





3.3.2 Remote control



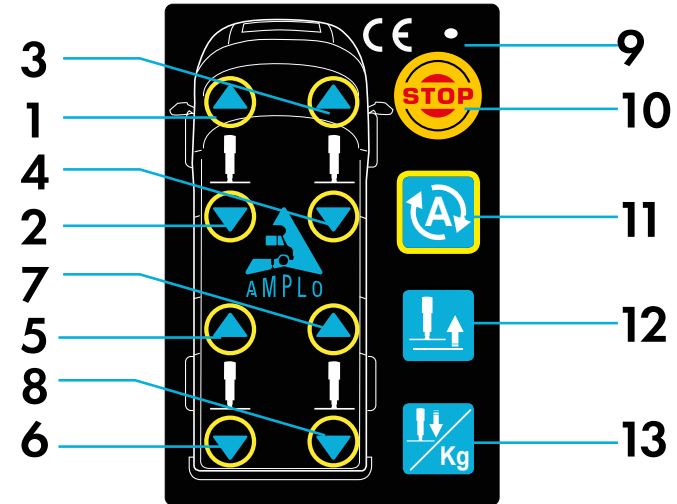
CAUTION:
Incorrect use of these buttons could
result in damage to the structure
and/or injury to people.

The remote control can be used outside the vehicle and has an operating range of 15-20 m. The three buttons which enable the automatic functions (self-leveling, automatic retraction, jack landing) need only be pressed once to be activated.

BUTTONS - FUNCTION

- | | |
|----|--|
| 1 | Lift Front Left Jack |
| 2 | Lower Front Left Jack |
| 3 | Lift Front Right Jack |
| 4 | Lower Front Right Jack |
| 5 | Lift Rear Left Jack |
| 6 | Lower Rear Left Jack |
| 7 | Lift Rear Right Jack |
| 8 | Lower Rear Right Jack |
| 9 | Transmission LED - flashes when any button on the remote control is pressed. |
| 10 | Stop button - stops system operation |
| 11 | Self-leveling - Self-leveling function |
| 12 | Automatic retraction - starts automatic retraction sequence |
| 13 | Jack landing - starts the jack landing sequence without leveling, or starts the "weighing" sequence if enabled |

For the other manual functions the button/s must be kept pressed.






Multiple button combinations:


- | | |
|-------|--|
| 1 + 3 | Lift Front Left Jack + Lift Front Right Jack |
| 5 + 7 | Lift Rear Left Jack + Lift Rear Right Jack |
| 2 + 4 | Lower Front Left Jack + Lower Front Right Jack |
| 6 + 8 | Lower Rear Left Jack + Lower Rear Right Jack |
| 1 + 5 | Lift Front Left Jack + Lift Rear Left Jack |
| 3 + 7 | Lift Front Right Jack + Lift Rear Right Jack |
| 2 + 6 | Lower Front Left Jack + Lower Rear Left Jack |
| 6 + 8 | Lower Rear Left Jack + Lower Rear Right Jack |
| 4 + 8 | Lower Front Right Jack + Lower Rear Right Jack |







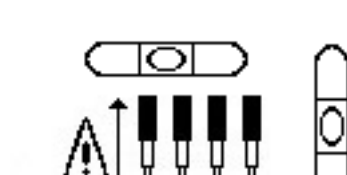
3.3.3 Pairing new remote control

	The procedure to pair the remote control involves holding the ✓ button down for 5 seconds.
	After 5 seconds the following page appears. The system is now waiting to receive the code of the new remote control. Press any button on the remote control to send the code (except for STOP).
	As soon as the system receives the code, the following display page appears for 3 seconds. The receiver can now operate with the new remote control.

JACK DOWN INDICATION WITH VEHICLE CONTROL PANEL SWITCHED ON (KEY INSERTED AND MOTOR STARTING)

	If one or more of the jacks are lowered and the vehicle ignition key is turned, the display panel, if switched on, turns itself off and cuts off the power supply to the entire self-leveling system. The red LED (14) comes on and the buzzer (15) sounds to indicate that one or more of the jacks is still down. If this happens you must: 1. turn off the ignition. 2. turn on the display (🔌) 3. raise the jacks by pressing the automatic retraction button (📏).
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4. Viewing errors on the display

	Sensor 1 (Main) Not connected (connection problem or damaged cable) The automatic functions cannot be performed. Operation using the remote control or panel with only manual controls.
	Sensor 2 Not Connected (connection problem or damaged cable) The automatic functions cannot be performed. Operation using the remote control or panel with only manual controls.
	Sensor 1 + Sensor 2 Not connected (connection problem or damaged cable) The automatic functions cannot be performed. Operation using the remote control or panel with only manual controls.
	Power board Not Connected (connection problem or damaged cable) No jack movements can be performed in either automatic or manual mode (neither with the remote control nor using the display).
	Self-Leveling Timeout Error The Self-Leveling Timeout error occurs during self-leveling operations when one or more jacks have arrived at the maximum extension. To reset the error you need to retract the jacks manually or automatically.

If any of the indicated errors appears on the display, contact the Installer or Manufacturer.



4.1 Using the system

General warnings



CAUTION: Before activating the leveling system using the display panel or remote control, make sure the jacks are not going to land on drain covers or steel grilles or any other surface which is not suitable for supporting the weight of the vehicle.



CAUTION: When using the stabilization system, it is essential to make sure the wheels of the vehicle do not leave the ground.



CAUTION: Before activating the leveling system from the display panel or remote control, make sure the area around the vehicle is free of obstacles, people and/or animals.



Residual risk of crushing

Residual risk of crushing near the hydraulic jacks.
Never put hands or feet under the jack plate.

5. Maintenance

5.1 Routine maintenance

The following operations must be performed once a week.



CAUTION! For any operations outside those listed below, contact the Manufacturer as they must be performed by authorized and professionally qualified personnel.

- check that there are no leaks from the fittings or jack.
- If you notice any hydraulic fluid leaks, contact the Installer or Manufacturer.



IMPORTANT: Contact the equipment Manufacturer for the supply of spare parts.

Cleaning the Display:

- the Display must be kept clean with a soft cloth to stop dust and dirt from building up.

Cleaning the remote control:

- the remote control must be kept clean with a soft cloth to stop dust and dirt from building up. The remote control is not waterproof, DO NOT expose it to water.

System components inspection:

- visually check the components of the stabilization system, if you notice any signs of wear or malfunctioning, contact the Amplo S.r.l. after sales service.

5.2 Unscheduled maintenance



IMPORTANT: For any unscheduled maintenance procedures, contact the Manufacturer.



6. Troubleshooting

PROBLEM FOUND	POSSIBLE SOLUTION
REMOTE CONTROL Transmission LED does not flash when buttons are pressed: 1) Remote control batteries are flat. 2) The remote control has been damaged.	1) Change the batteries. 2) Replace the remote control unit.
The Display fails to switch on	1) Check the Power Unit fuses. 2) Check the battery voltage at the + and - poles.
The audible warning sounds when I turn the key and the jacks are at rest (closed)	Remove the key from the dashboard, press the automatic retraction button on the remote control or display and let the sequence finish (approximately 28-30"). Try switching the dashboard back on, the buzzer must not sound. If the acoustic signal is still active, contact the service.

For any problem not described in the table, contact the Manufacturer.

6.1 Jack retraction procedure using emergency manual pump

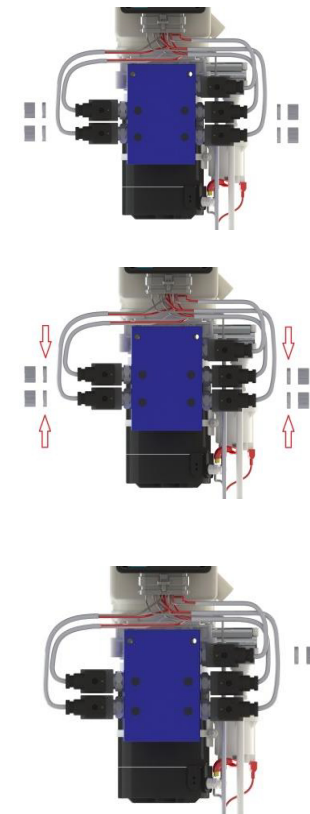
In the event of a malfunction of the electronic system, where retraction is no longer possible with the remote control or display controls, the system is equipped with an emergency manual pump which allows retracting all four jacks manually.

With the **EASY 5EV** hydraulic distributor, proceed as follows:

1) Unscrew the 4 bushes on the solenoid valve cartridges.

2) Remove the 4 washers and screw the 4 bushes back in place.

3) Unscrew the bush of valve number 5





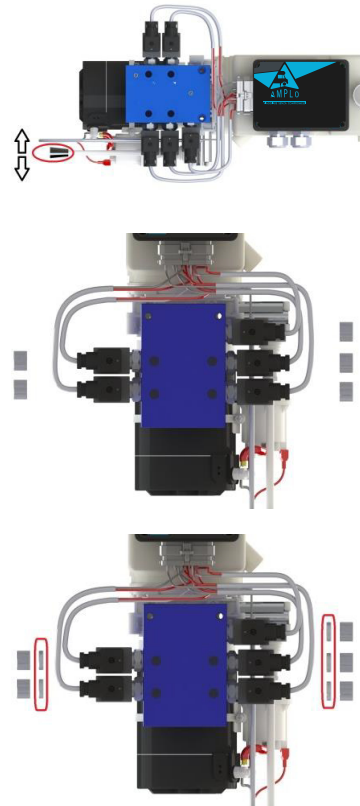
4) Remove the washer of the 5th valve and tighten

5) Caution, the vehicle still start lowering
(the jacks close with the weight of the vehicle)

6) Activate the manual pump lever until the jacks
are completely closed.

7) Unscrew all 5 bushes again.

8) Put the previously removed 5 washers back in
place and screw the 5 bushes back on.



7. Disposal

7.1 Decommissioning and disposal



CAUTION ! Observe the prescriptions imposed by the laws in force and the relative authorities in the country of machine scrapping.



CAUTION ! Before proceeding with any type of dismantling work on the system or its parts, make sure that all electrical and pneumatic power supplies have been disconnected.



It is mandatory to apply the regulations in force in the country of disposal governing waste disposal, hence it is prohibited to dump any kind of processing residues (spent oils, etc.) in the environment. Divide materials up according to type for correct differentiated waste disposal.



NOTE:

Within the EU all electrical equipment must be disposed of in accordance with EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE).



CAUTION ! The user must dispose of the equipment at an authorized consortium or center for WEEE handling and recovery.



7.2 Instructions for emergencies



CAUTION ! In the event of fire the operator must immediately raise the alarm and move away from the area so that adequately trained personnel, kitted out with suitable PPE and all necessary equipment, can tackle the emergency.

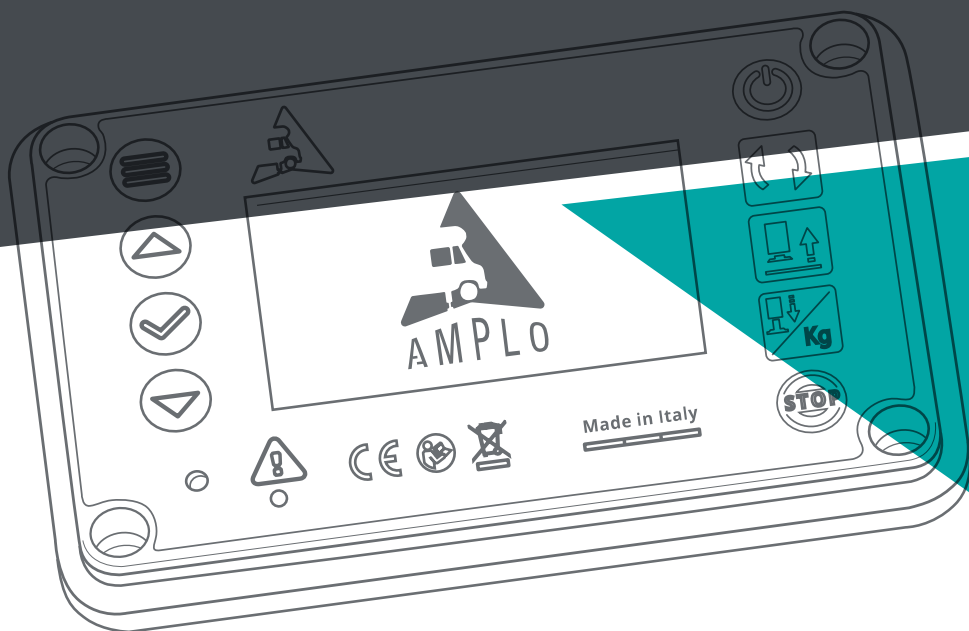
Electrical parts

In the event of a fire involving electrical parts, use a CO2 extinguisher to limit and contain the damage.

In general

Use ABC+Nitrogen type powder extinguishers to quickly put out any fire affecting parts or areas where there is no electricity.

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the page.



AMPLO S.r.l. Via Oceano Atlantico n.8 • 41012 Carpi (MO)
Tel. + 39 059 6340104 • Cell. + 39 370 3648069 • info@amplo.it
www.amplo.it • VAT No. 02977670369 • SDI. SUBM70N

