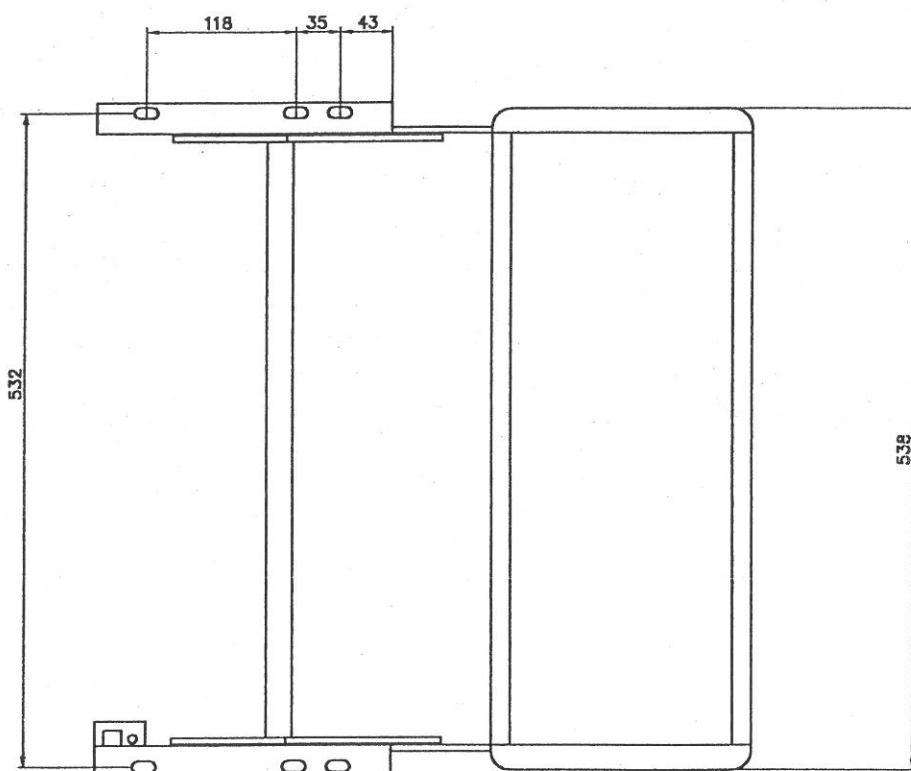


MANUAL STEP MOD. TECNO-STEP



THIS ITEM COMPLIES WITH EN1646 STANDARD

Foreword

These instructions for use intend to give all essential recommendations and information for proper installation and maintenance of this step. Every indication herein given is essential to guarantee proper step operation over time.

How to install the step in the vehicle

- 1) Secure the step to the floor with no. six M8 screws considering a distance between centers of 532x153 mm.
- 2) Secure the step to the surface with no. 4 washers $\varnothing$ 8x24 and no. 4 M8 self-locking nuts.
- 3) For proper operation of the step, secure it to a perfectly flat surface, otherwise its structure will warp after tightening the self-locking nuts due to the level difference of the 4 fastening points. This could cause difficulty to close the step.
- 4) In compliance with EN 1646 standard, when the installed step is unfolded, certain distance values should be guaranteed between the ground and the step platform and between the platform and the vehicle entrance.

Electrical system

The Step is equipped with an external microswitch which, once connected to a LED on the dashboard of the vehicle or to a buzzer, lets you know whether the Step is open. To guarantee a long-lasting life of this microswitch, we recommend that you use an antioxidant spray on its contacts and cover them with a sheath, isolating and protecting external cables laid between the floor and the Step.

Use and maintenance

We recommend that you accurately clean and grease the various parts of the Step once a year as following:

Remove sand and dirt from the various articulated joints of the Step and, first of all, lubricate with synthetic oil the rotation point of the front levers where the springs are installed.

We suggest that you periodically service the Step before seasonal garaging, or in any case after the winter period.

Replacing or reloading the twisting springs

The twisting springs allowing the automatic return of the Step to its initial position may eventually need to be reloaded or, in extreme cases, might break.

To reload the springs:

1. Find a 17 open-end wrench and a ratchet wrench combined with a 17 socket
2. Pay great attention to replace worn-out or broken springs with new ones of exactly the same type: there are left and right springs. To determine whether the spring to be replaced is the left or the right one, always work in front of the Step.
3. Before loading the springs, position the M17 nuts quite near the structure so that they may be tightened just after half a turn.
4. On the right side of the open Step, insert the wrench no. 17 on the hexagonal pin where the spring is positioned and rotate clockwise. Then insert the ratchet wrench into the M10 nut and turn counter clockwise until the nut is tight.
5. Reposition the open-end wrench on the hexagonal pin, loosen the M10 nut, rotate the hexagonal pin clockwise fully home, then tighten the M10 nut.
6. Repeat steps 3-5 until the spring is completely wound and fits the hexagonal pin, then tighten the M10 nut.
7. To load the left spring, follow the same instructions but always turn both components (pin and spring) clockwise.

Opening the Step

To open the Step, proceed as follows:

Hold the footboard of the Step and pull it outwards until it is parallel to the ground (warning: at the beginning the footboard will tilt upwards) and reaches its natural mechanical lock.

Remember that you might need to pull hard to open new steps or steps with very compressed springs.

To close the Step again, simply lift the footboard upwards. The Step will return to its initial position due to the springs' action. However, we recommend that you hold the footboard during this operation to avoid violent impacts which might damage the microswitch or reduce the twisting springs' life cycle.

Recommendations:

In case the Step on your vehicle is placed in proximity of the wheels, we suggest that you install special flaps on them.

Warranty

The Step is covered by the following warranties:

- warranty on mechanical parts – 1-year validity starting from the registration date of the vehicle
- warranty on microswitch – 1-year validity starting from the manufacturing date of the step

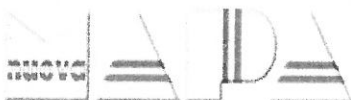
All other parts not mentioned in this document are guaranteed by the Manufacturer of the vehicle. Tampering with, accidental impacts and accidental immersion in water of the Step will make any warranty null and void.

If necessary, contact only skilled and trained experts or directly the Step manufacturer. To receive technical support under warranty, exclusively contact the technical assistance of the vehicle. To apply for the repair or replacement of worn-out parts, please fill in the attached "Product ID Data Sheet" in detail and hand it over to the technical assistance.

The following list shows the available spare parts and their corresponding references:

Item 2M01015	external microswitch
Item 3V02013	springs set
Item 2V02014	hexagonal pins set

Warning! Do not set the Step in motion while people or objects are over it. The manufacturer is not responsible for damages derived or caused by a wrong use.



Via del Palazzino 11– 40051 Altedo
tel. 051/875842 – fax 051/6608130

PRODUCT IDENTIFICATION FORM

STEP

ITEM

0721001/A



DATE OF MOTOR BUILDING

DATE OF STEP BUILDING

TEST MADE FROM NUOVA MAPA S.R.L. ,
WITH POSITIVE RESULT - OPERATOR NR.

REGISTRATION DATE

STEP SERIAL NUMBER

INTERVANTIONS AND REPAIRS

Date	Entry and repair's description	Stamp and operator's signature, who makes the repair