

PS SOLAR



Reclining arm with scale number



Installation and Use Manual



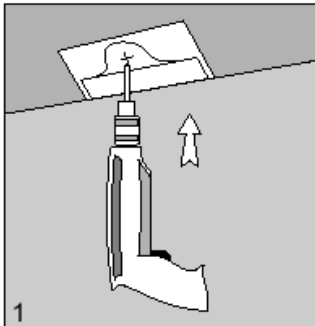
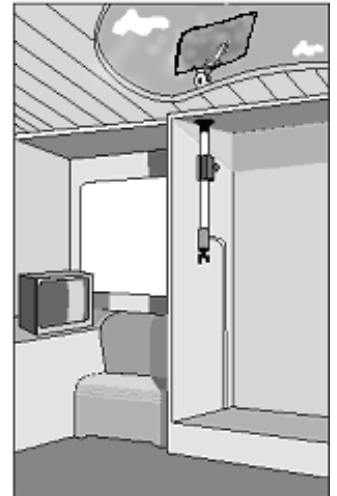
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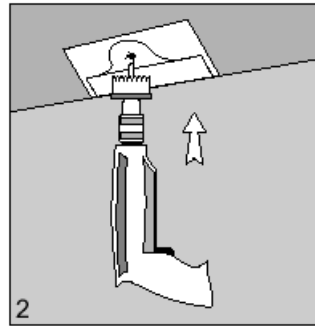
Installation

PS mast can be mounted inside the wardrobe.

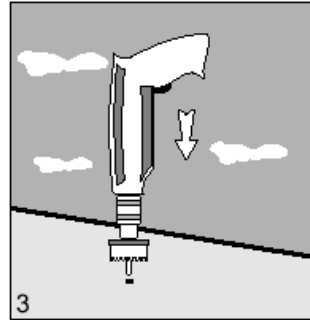
Important: Mount the support away from the roof edge, of the caravan to avoid overhanding the roof line when travelling. Make sure before installation that the roof and wall are strong enough; otherwise reinforce them both. Locate the drilling template and drill centre pilot hole for cutter.



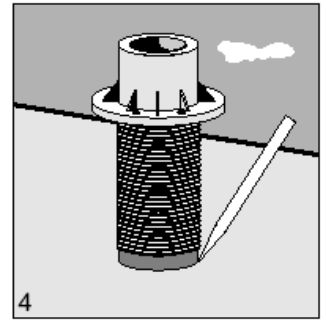
1 Drill roof interior with a 40 dia cutter.



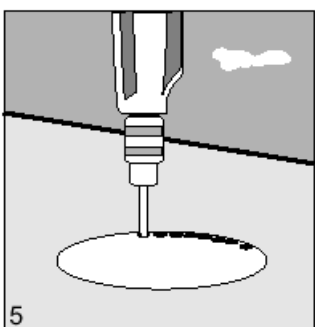
2 Then drill roof exterior with a 40 dia cutter.



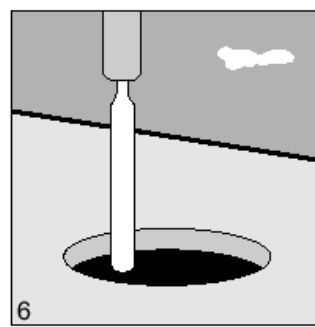
3 If a 40 dia cutter is not available see figures 4 - 5 - 6.



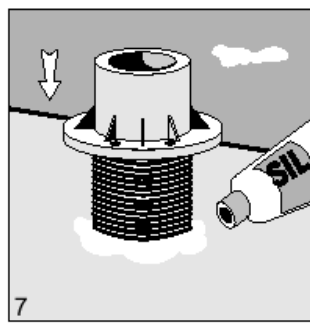
4 If a 40 mm dia cutter is not available locate the mast roof mounting bracket and mark the outline



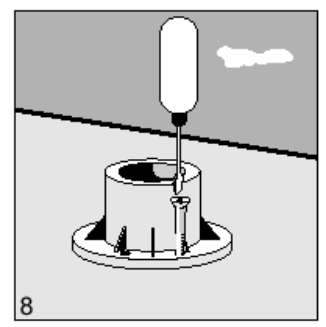
5 Drill a series of holes until the correct hols is made in the roof.



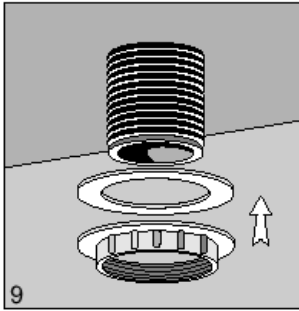
6 Clean out the hole to 40 dia with a suitable file.



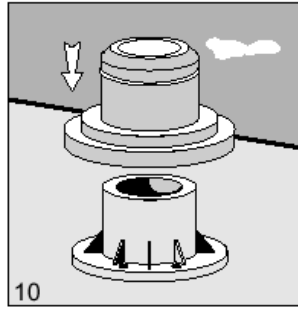
7 Seal the hole edges with silicone sealant, locate and press the mast roof mounting into the hole.



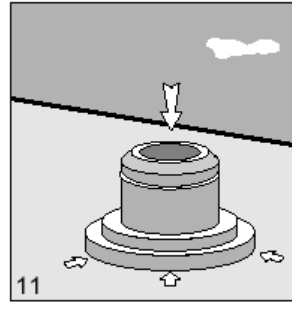
8 Drill 3 mm dia holes through the mast roof mounting, and secure with 3,5 mm dia self-threading screws.



Secure the mast roof mounting with the nut and washer.



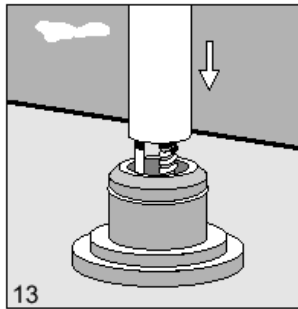
Fit the bracket gasket.



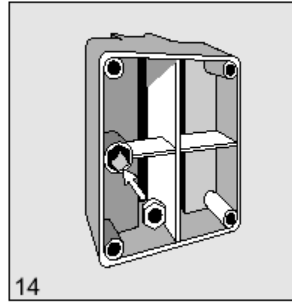
The gasket must be pressed down until the bracket base is covered.



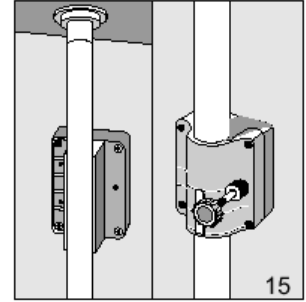
Coat the inside of the gasket, near the O-rings, with petroleum jelly



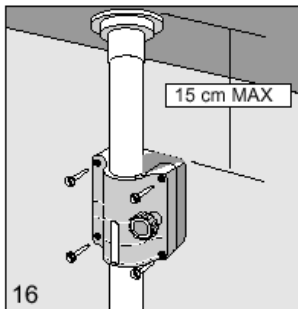
Slowly fit the mast into the roof mounting bracket.



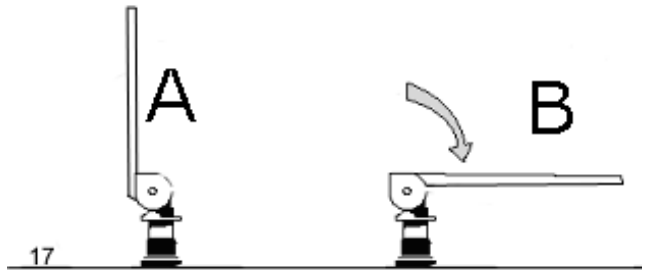
Insert the bolt in the suitable seat of the back of the locking unit.



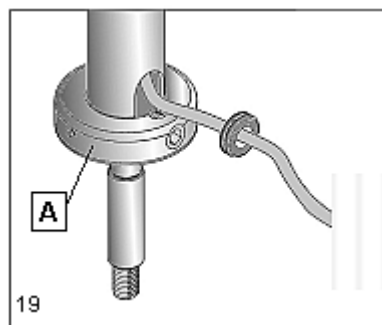
Mount the upper part of the locking unit without tightening.



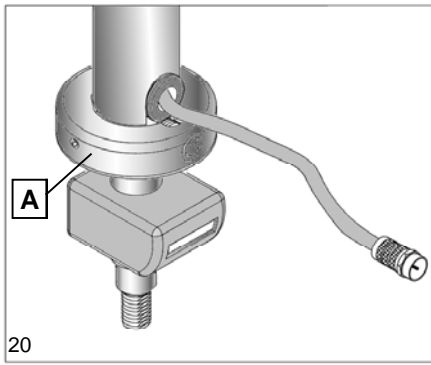
Fasten the mounting unit to the wall.



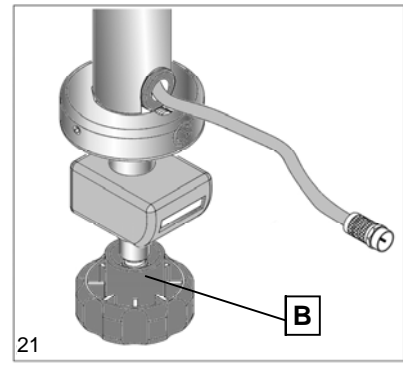
Warning!!! The bracket is delivered in the vertical position as illustrated in figure 17 A. Close it completely as illustrated in figure 17 B.



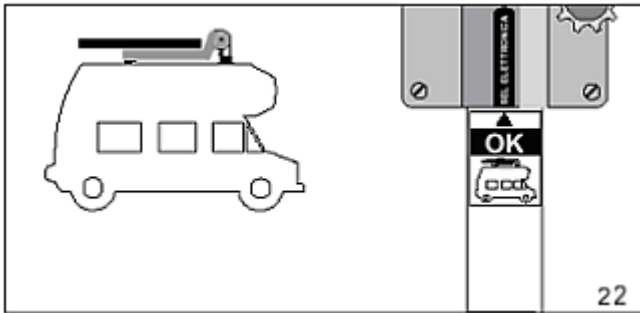
Position and tighten the bearing **A** with the two screws allowing the cable to come out of the slot with the relative fair-lead.



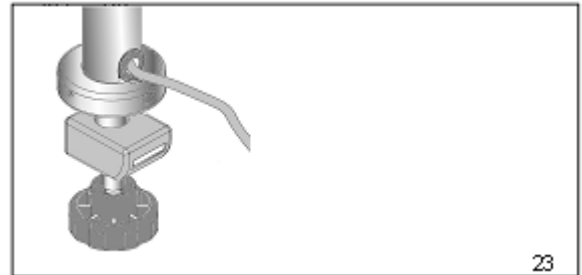
Position the rev counter next to the bearing **A** and tighten it onto the shaft with the relative screw, remembering that with the support lowered all the digits must be "0".



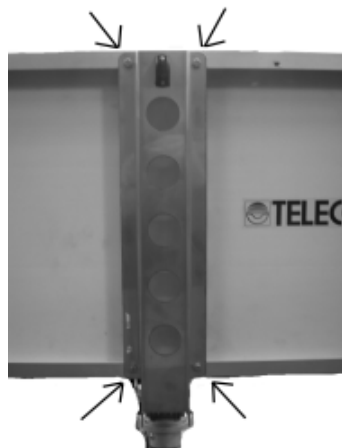
Screw the knob onto the shaft and lock it by tightening the relative screw. **B**.



Make sure that the support is exactly in its stowed position. Place the sticker on the mast in such a way that you can quickly lock the support in the right position before every start.



Connect the cable coming out as described in the solar panel manual.



Fix the panel in the support with 4 screws as figure..



Put the support in its stowed position and put the glue between the inox part and the roof .



Warning!

- 1) **It is essential that you install the solar panel as illustrated in figure 22 (i.e. with the apex bent towards the rear of the vehicle). Before driving the vehicle the panel MUST be lowered and positioned correctly as illustrated in figure 22. Failure to observe the above instructions may cause product damage that cannot be attributed to the Manufacturer.**
- 2) **Do not use the solar panel if there is a strong wind (80 Km/h). Failure to observe this instruction may cause product damage that cannot be attributed to the Manufacturer.**
- 3) **The Manufacturer cannot be held liable for any product damage caused by improper use.**

INSTRUCTIONS FOR USE

Rotate the pole crank handle until the scale corresponds to the desired degree of elevation.

Slowly rotate the pole rightwards or leftwards to follow the sun.

Before driving the vehicle always check that the panel has been lowered to its “home” position and that the knob has been tightened properly.

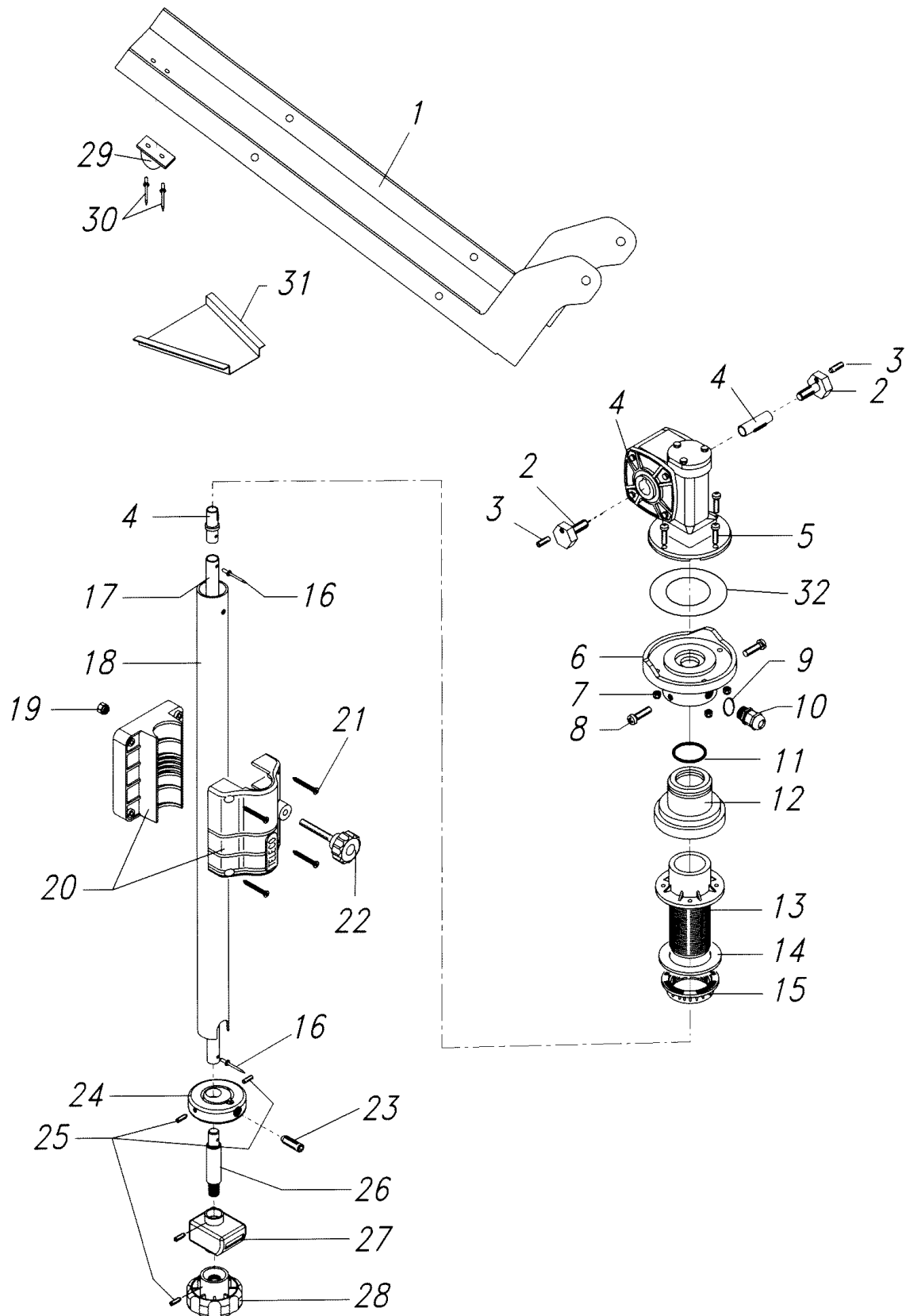
OPTIMISING PANEL PERFORMANCE

While the solar panel operates well in the horizontal (or “home”) position, efficiency is optimised when it is kept perpendicular to the rays of the sun throughout the day: adjust elevation and rotate the tube accordingly at regular intervals.

Make sure the panel is not shaded by trees, buildings etc.

NOTE: the values on the scale are indicative only and are only intended to help alignment with the sun.

PS Solar



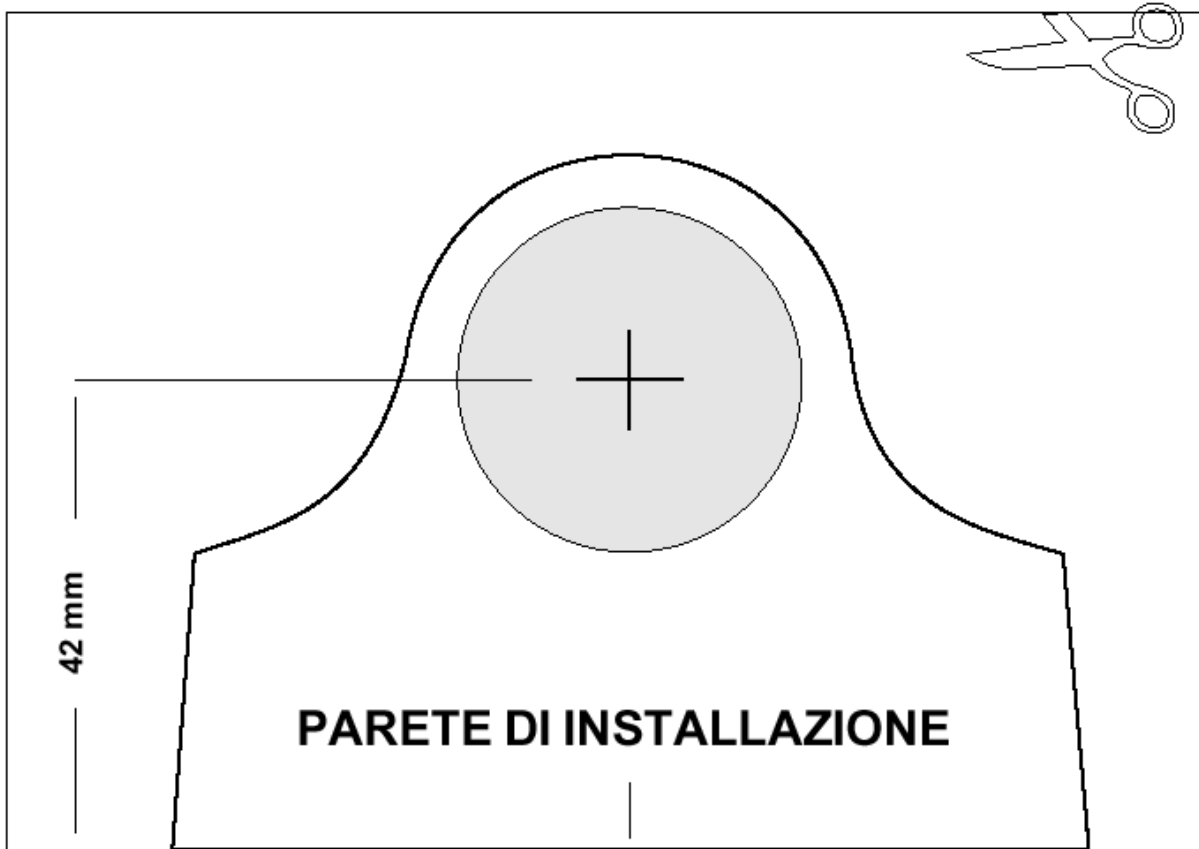
(Tav. 1 - Vers. 2 del 27/03/2007)

Pos	Code	Q.tà	Descrizione/Description	Désignation/Bezeichnung	Denomination/Descripcion
1	08650	N.1	Braccio di sostegno PS Solar Support arm PS Solar	Bras de support pour PS Solar TRAGARM FUR PS Solar	Steunbeugel voor PS Solar Brazo de soporte PS Solar
2	03317	N.2	Vite blocca braccio Arm locking screw	Vis bloque-mat ARMARRETIERSCHRAUBE	Borgschroef arm Tornillo bloqueo brazo
3	05799	N.2	Grano blocca braccio V+ e VMatic Arm locking dowel V+ and VMatic	Vis sans tete bloque-mat V+ et VMatic ARMARRETIERZAPFEN V + VMATIC	Borgpen arm V+ en VMatic Esparrago bloqueo brazo V+ e VMatic
4	06199	N.1	Riduttore V+ E VMatic Reduction gear V+ and VMatic	Reducteur V+ et VMatic UNTERSETZUNGSGETRIEBE V+ UND VMATIC	Reductieaandrijving V+ en VMatic Reductor V+ e VMatic
4	06137	N.1	Adattatore braccio Arm adaptor	Adaptateur bras ARM ADAPTER	Adapter steunbeugel Adaptador brazo
4	06136	N.1	Adattatore albero Shaft adaptor	Adaptateur arbre Welle	Adapter regelas Adaptador eje
5	09155	N.3	Vite M5x20 ISO7380 Screw M5x20 ISO7380	Vis M5x20 ISO7380 KOPFSCHRAUBE M5x20 ISO7380	Schroef M5x20 ISO7380 Tornillo M5x20 ISO7380
6	07379	N.1	Ghiera portariduttore V+ e VMatic Reduction gear ring nut V+ and VMatic	Bague porte-reducteur V+ et VMatic NUTMUTTER FUR UNTERSETZUNGSGETRIEBE V+ UND VM	Draagring reductieaandrijving V+ en VMatic Virola portarreductor V+ e VMatic
7	03330	N.3	Dado auto-bloccante M5 UNI7473 Stainless steel self-locking nut M5 UNI7473	Ecrou autobloquant M5 UNI7473 Selbstsichernde Mutter M5 UNI7473	Zelfborgende moer M5 UNI7473 Tuerca de seguridad M5 UNI7473
8	06500	N.2	Viti trilobate 5x15 V+ e VMatic Trilobed screws 5X15 V+ and VMatic	Vis trois pans 5X15 V+ et VMatic KLEEBLATTSCHRAUBEN 5x15 V+ UND VAMTIC	Schroeven driegangig 5x15 V+ en VMatic Tornillos trilobulados 5x15 V+ e VMatic
9	03244	N.1	Guarnizione OR Gasket OR	Joint OR Dichtung OR	Afdichting OR Junta OR
10	07956	N.1	Passacavo skintop PG9 V+ e Vmatic Fairlead skintop PG9 V+ and Vmatic	Passe-fil skintop PG9 V+ et Vmatic Kabeltulle skintop PG9 V+ und Vmatic	Kabeldoorvoer skintop PG9 V+ en Vmatic Pasacable skintop PG9 V+ e Vmatic
11	02013	N.1	Molla per guarnizione in gomma Rubber gasket spring	Ressort pout joint en caoutchouc FEDER FUR DICHTUNG AUS GUMMI	Veer voor rubberen afdichting Resorte para junta de caucho
12	06961	N.1	Guarnizione in gomma Rubber gasket	Joint en caoutchouc GUMMIDICHTUNG	Rubberen afdichting Junta de caucho
13	08449	N.1	Passatubo Pipe lead	Guide-tube ROHRDURCHFUEHRUNG	Kabeldoorvoertule Pasatubo
14	02355	N.1	Rondella passatubo Pipe lead washer	Rondelle guide-tube SCHEIBE FUR ROHRDURCHFUEHRUNG	Onderlegging kabeldoorvoertule Arandela pasatubo
15	02357	N.1	Ghiera passatubo Pipe lead ring nut	Manchon guide-tube NUTMUTTER FUR ROHRDURCHFUEHRUNG	Wartel kabeldoorvoertule Virola pasatubo
16	03605	N.2	Rivetto a strappo Tear rivet	Rivet a tirer REISSNIETE	Blindklinknagel Remache
17	07600	N.1	Albero di regolazione V+ e VMatic Adjustment shaft	Arbre de reglage Einstellwelle	Regelas Eje de regulacion V+ e VMatic
18	07537	N.1	Tubo di sostegno V+ e VMatic Supporting tube	Tube de support Tragrohr	Steunbuis Tubo de soporte V+ e VMatic
19	02125	N.1	Dado M6x1,5 UNI 5588 Zinc. Stainless steel nut M6x1,5 UNI 5588 Zinc.	Ecrou M6x1,5 UNI 5588 Zinc. Selbstsichernde Mutter M6x1,5 Aus Rostfreiem STA	Zelfborgende moer M6x1,5 rvs Tuerca de seguridad M6x1,5 inox
20	02354	N.1	Staffa fissaggio Fastening bracket	Bride BEFESTIGUNGSBEGEL	Bevestigingsbeugel Abrazadera de sujecion
21	02083	N.4	Viti autofilettanti Self-tapping screws	Vis autofileteuses SELBSTSCHNEIDENDE SCHRAUBEN	Zelftappende schroeven Tornillos de autoenrosque
22	02018	N.1	Pomello gruppo di bloccaggio Lock UNIT KNOB	Poignee de l'ensemble verrouillage DREHKNOPF BLOCKIEREINHEIT	Knop borgeenheid Boton grupo de bloqueo
23	08594	N.1	Grano M10x20 Screw M10x20 UNI 5927	Vis M10x20 UNI 5927 Schraube M10x20 UNI 5927	Schroef M10x20 UNI 5927 Tronillo M10x20 UNI 5927
24	07015	N.1	Porta contagiri Rev counter holder	Support de compte-tours Drehzahlmesserhalter	Toerentellerhouder Soporte cuentarrevoluciones
25	07019	N.3	Vite 4x10 UNI 5923 INOX UNI 5923 INOX screw 4x10	Vis 4x10 UNI 5923 INOX UNI 5923 INOX 4x10	Schroef 4x10 UNI 5923 INOX Tornillo 4x10 UNI 5923 INOX
26	07014	N.1	Perno contagiri Rev counter pin	Axe du compte-tours Tastspitze des Drehzahlmessers	Toerentellerpen Perno cuentarrevoluciones
27	06986	N.1	Contagiri Rev counter	Compte-tours Drehzahlmesser	Toerenteller Cuentarrevoluciones
28	08432	N.1	Pomello Knob	Piognée Drehknopf	Knop Botón
29	06045	N.1	Culla nera Black cradle	Berceau noir TRAGER SCHWARZ	Wieg zwart Apoyo negro
30	08764	N.2	Rivetto a strappo 2.4x8 Tear rivet 2.4x8	Rivet a tirer 2.4x8 REISSNIETE 2.4x8	Blindklinknagel 2.4x8 Remache 2.4x8

31	06132	N.1	Appoggio braccio Arm rest	Support de mat Armstutze	Steun arm Apoyo brazo
32	08913	Nr.1	Guarnizione Flexoid Gasket Flexoid	Joint Flexoid Dichtung Flexoid	Afdichting Flexoid Junta Flexoid

NOTES

Put in the mounting position



Cut-out drawing in 1:1 scale

DISPOSAL

Always contact specialised workshops when it is necessary to dismantle and dispose of the Reclining arm

I INFORMATION

Waste materials must not be dispersed into the environment: always take them to authorised waste collection centres.





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