



# The new repair method

The PULL UP! repair system is the latest Spanesi innovation, which utilizes suction cups, glue and slide hammers to produce flawless panel repairs.

Suitable for both steel and aluminium substrates, straightening is performed from the exterior of the panel or lining.

Spanesi's exclusive glue formulation facilitates difficult repair procedures to be completed on rocker panels, roofs, dog legs, door sills, along body lines and pillar locations.

### O1\_\_\_\_ CYCLE TIME AND COST REDUCTION Increased touch times.

Decreased parts ordering.

Faster vehicle repairs.

### <sup>02</sup>\_\_\_\_ EFFICIENT

Repair panels without removing paint from panel surfaces and instantly checking the end result.

#### 03\_\_\_\_ CONVENIENT

No need to disassemble the vehicle, disconnect the battery, reset and calibrate Advanced Driver Assistance Systems (ADAS).





### 04 \_\_\_\_ EASY TO COMPLEX DAMAGE TYPES

Suction cups comprised of multiple shapes and sizes can be combined to address the most difficult repair scenarios.

#### 05 \_\_\_\_\_

## FEWER PARTS TO REPLACE

Restore the original panel's shape and appearance without intrusive part replacements.

### MINIMIZE WELDING

06 \_\_\_\_\_

Repairs are accomplished in a noninvasive approach, decreasing the opportunity for panels to altered by the introduction of heat, burnthrough and compromised corrosion protection.

07 \_\_\_\_\_ FULL PULLING FORCE CONTROL Straighten using a combination of pull bars and our Electro puller (optional).



# PULL UP! FULL - 90PULUP010

- 5 Slide hammers
- 120 Shaped suction cups
- 65 Thread pivots
- 8 Double combination bars
- 4 Triple combination bars
- 3 Nylon hammers
- 2 Polycarbonate trowels
- 3 Nylon wedges
- 1 Nylon cone
- 1 450W Hot glue gun
- 5 Kg d.15 hot glue

# PULL UP! STANDARD - 90PULUP020

- 5 Slide hammers
- 60 Shaped suction cups
- 32 Thread pivots
- 4 Double combination bars
- 3 Nylon hammers



The repair solution for major and complex damage types. Up to 4 suction cups may be combined for simultaneous pulls in large repair areas. Can be used with the Electro puller (optional).



The repair solution for small to moderate damage types. Up to 2 suction cups may be combined for simultaneous pulls. Can be used with the Electro puller system (optional).

- 2 Polycarbonate trowels
- 3 Nylon wedges
- 1 Nylon cone
- 1 450W Hot glue gun
- 5 Kg d.15 hot glue

# PULL UP! LIGHT - 90PULUP060

- 5 Slide hammers
- 60 Shaped suction cups
- 32 Thread pivots
- 1 450W Hot glue gun
- 5 Kg d.15 hot glue

# **PULL UP! BASIC - 90PULUP050**

- 5 Slide hammers
- 30 Shaped suction cups
- 16 Thread pivots
- 1 450W Hot glue gun
- 5 Kg d.15 hot glue





Compact trolley filled with all of the tools necessary for single-pull repairs.

Transportable carrying case packed with all of the tools necessary to perform single-pull repairs at remote locations.



CONCAVE





Each suction cup style is available in different sizes.



Suction cups are built with steel cores to guarantee strength and reliability during pulling.

# **RECOMMENDED ACCESSORIES**



Designed for the Pull UP! "Light" version, kit includes double combination bars M6, M8, M10, M12 kit with screws and nylon washers (suction cups excluded): 90KPUP0110: M6 combination bar 90KPUP0120: M8 combination bar **90KPUP0130**: M10 combination bar 90KPUP0140: M12 combination bar

Electro puller



SP740001 - Electro puller multi-directional pulling tool complete with accessories. Includes, (2) 14.4V 110/220V 50/60 Hz lithium ion batteries. **90PTMDZ010** - Minidozer custom designed for Electro puller usage without the need for a lift or straightening bench. Includes lateral positioners.



## 90KPUP0010 - Accessory kit to install the Electro puller onto Spanesi pulling columns.

Minidozer





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