



CATALOGO RICAMBI
SPARE PARTS CATALOGUE
ERSATZTEIL KATALOG
MANUEL DES PIECES



SERIE S1

MOD. 45M45 - 45M55 - 45T55

MOD. 45D55 - 45D55 Eco - 45D60



Ghibli S.p.a
Via Circonvallazione, 5
27020 Dorno (PV) ITALY

Tel. +39 0382 848811
Fax +39 0382 84668
<http://www.ghibli.it>
e-mail: info@ghibli.it



NOTE

 N'utilisez que des pièces détachées originales **Ghibli**, elles permettent de maintenir dans le temps les caractéristiques originelles de l'autolaveuse, en garantissent la sécurité et réduisent le temps nécessaire aux réparations. La qualité des pièces détachées est garantie par des contrôles très rigides. Elles sont produites dans le respect de l'environnement et sans l'utilisation de matériaux interdits ni dangereux.

TAV. N° 21

GRUPPO TELAIO	22.0030.00
---------------	------------

Exploded view diagram of a vehicle chassis assembly. The diagram shows a main longitudinal beam with various mounting brackets, rollers, and a rear panel. The components are numbered as follows:

- 1: Mounting bracket on the left side of the beam.
- 2: Small pin or bolt used for mounting.
- 3: Washer or spacer.
- 4: Nut or bolt used for mounting.
- 5: Large roller or pulley on the left side.
- 6: Mounting bracket on the right side of the beam.
- 7: Roller or pulley on the right side.
- 8: Small pin or bolt used for mounting.
- 9: Large roller or pulley on the right side.
- 10: Washer or spacer.
- 11: Nut or bolt used for mounting.
- 12: Mounting bracket on the rear panel.
- 13: Small pin or bolt used for mounting.
- 14: Washer or spacer.
- 15: Nut or bolt used for mounting.

TAV. N° 21

[illegible]

TAV. N° 22

GRUPPO SNODO TERGITORE	22.0084.00
------------------------	------------

The diagram illustrates the assembly of a wiper arm system. The main components and their assembly sequence are indicated by the numbered callouts:

- 1, 2:** Screws for the main wiper arm bracket.
- 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18:** Various intermediate components including joints, pins, bushings, and the wiper blade itself.

A small inset image in the bottom left corner shows the completed wiper arm assembly installed on a vehicle's windshield.

TAV. N° 22

[illegible]

TAV. N° 12

GRUPPO ELETTROVALVOLA	22.0031.00
-----------------------	------------

Exploded view diagram of the electrovalve assembly (Gruppo Electrovalvola) for a vehicle. The diagram shows the main assembly components numbered 1 through 11, including a solenoid valve, a solenoid coil, a solenoid armature, a solenoid plunger, a solenoid spring, a solenoid plunger seal, a solenoid plunger seal ring, a solenoid plunger seal ring, a solenoid plunger seal ring, a solenoid plunger seal ring, and a solenoid plunger seal ring. An inset image shows the assembly installed on a vehicle chassis.

TAV. N° 12

[illegible]

TAV. N° 13

GRUPPO FILTRO ACQUA	22.0009.00
---------------------	------------

TAV. N° 13

[illegible]

TAV. N° 31

GRUPPO RUOTE SENZA TRAZIONE	22.0033.00
-----------------------------	------------

This technical diagram illustrates the assembly of a non-driven wheel group. The main components are shown in an exploded view, with dashed lines indicating their alignment and assembly sequence. The components are numbered as follows:

- 1**: Wheel hub or axle end.
- 2**: Axle or shaft component.
- 3**: Wheel rim or tire assembly.
- 4**: Small circular component, possibly a bearing or seal.
- 5**: Another small circular component, possibly a bearing or seal.
- 6**: A long, thin rectangular plate or bracket.
- 7**: A small pin or bolt.
- 8**: A larger bolt or screw used for mounting.

An inset in the top right corner shows a perspective view of the wheel assembly mounted on a vehicle chassis, providing context for its application.

TAV. N° 31

[illegible]

TAV. N° 5

GRUPPO RUOTE TRAZIONE	22.0020.00
-----------------------	------------

The diagram illustrates the assembly of the rear wheel drive system. Key components include:

- 1, 2, 3, 4, 5, 6, 7, 8:** Various mounting brackets and bolts for the axle assembly.
- 9:** The large rear drive wheel.
- 10, 11, 12:** Components of the axle and differential housing.
- 13:** The central differential housing.
- 14, 15:** Components of the wheel hub and tire mounting.

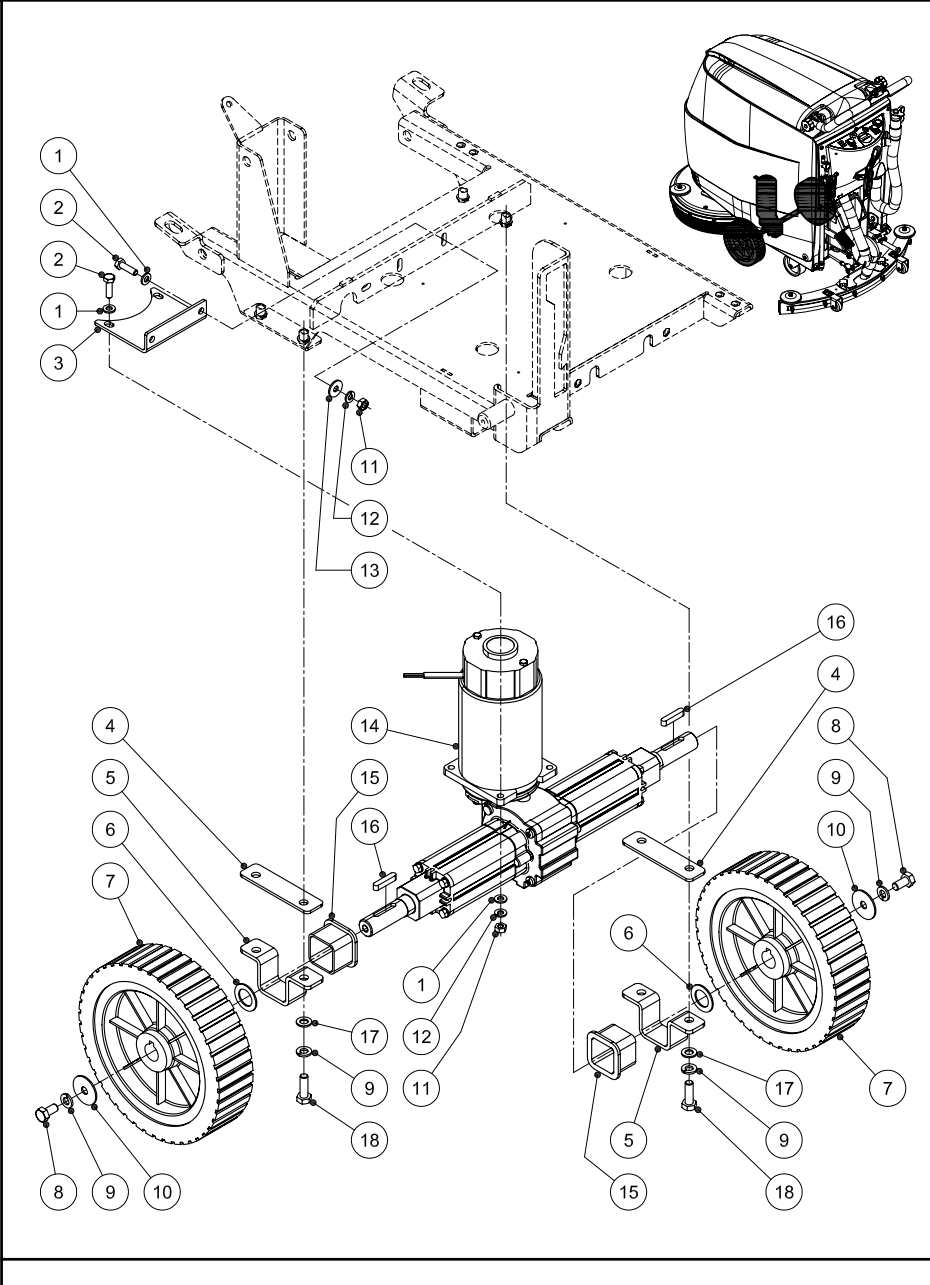
A small inset at the bottom right shows the complete tractor chassis with the rear wheel assembly installed.

TAV. N° 5

[illegible]

TAV. N° 25

GRUPPO MOTODIFFERENZIALE	22.0036.00	
--------------------------	------------	--



This technical diagram illustrates the exploded view of a differential motor assembly. The components are identified by numbered callouts (1-18) as follows:

- 1:** Pinion gear (top left) and pinion gear (bottom center).
- 2:** Pinion gear shaft (top left).
- 3:** Pinion gear housing (top left).
- 4:** Motor housing (top right).
- 5:** Pinion gear housing (bottom center).
- 6:** Pinion gear housing (bottom right).
- 7:** Pinion gear (bottom left) and pinion gear (bottom right).
- 8:** Pinion gear shaft (bottom left).
- 9:** Pinion gear shaft (bottom center) and pinion gear shaft (bottom right).
- 10:** Pinion gear housing (bottom left).
- 11:** Pinion gear housing (bottom center).
- 12:** Pinion gear housing (bottom center).
- 13:** Pinion gear housing (bottom center).
- 14:** Motor housing (bottom center).
- 15:** Pinion gear housing (bottom center).
- 16:** Pinion gear housing (bottom center).
- 17:** Pinion gear housing (bottom center).
- 18:** Pinion gear housing (bottom center).

TAV. N° 25

[illegible]

TAV. N° 27

GRUPPO SPAZZOLA 45

22.0015.00

1 2 3 4 5 2 6 7 8 9 10 11 12 13 14 13 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

TAV. N° 27

[illegible]

TAV. N° 28

GRUPPO SPAZZOLA 45

22.0015.00

This technical diagram illustrates the exploded view of the GRUPPO SPAZZOLA 45 (22.0015.00) assembly. The components are numbered 1 through 25, indicating their assembly sequence. The diagram shows the main body, a base plate, a motor unit, and various internal mechanisms and fasteners. Key components include:

- 1-6:** Main body components and fasteners.
- 7-9:** Base plate components and fasteners.
- 10-14:** Motor unit and associated components.
- 15-20:** Internal mechanisms and fasteners.
- 21-25:** Additional components and fasteners.

The diagram uses dashed lines to indicate the assembly path and the relative positions of the components. A small inset image in the top right corner shows the assembled unit, providing a reference for the final product.

TAV. N° 28

[illegible]

TAV. N° 2

GRUPPO SPAZZOLA 55

22.0024.00

1 2 3 4 5 2 6 7 8 9 10 11 12 13 14 13 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

TAV. N° 2

[illegible]

TAV. N° 3

TAV. N° 3

[illegible]

TAV. N° 24

Exploded view diagram of the GRUPPO SPAZZOLA 60 (60V brushless motor assembly) for a trimmer. The diagram shows the motor, gear train, and housing components with numbered callouts (1-22) and dashed lines indicating assembly paths. An inset shows the motor installed in the trimmer head.

TAV. N° 24

[illegible]

--

TAV. N° 23

GRUPPO SPAZZOLA 60

22.0023.00

This technical diagram illustrates the exploded view of a vacuum cleaner head assembly, specifically the 'GRUPPO SPAZZOLA 60' (60mm Beater Bar Assembly). The diagram shows the following components and their assembly sequence:

- Motor and Drive System:** Includes the motor (1), drive pulley (2), and various belts and connectors (28, 29).
- Head Housing:** The main body of the head, shown in two halves (3, 4) with internal structural ribs (5, 6, 7, 8, 9, 10, 11, 12).
- Beater Bar Assembly:** Consists of the main beater bar (13), support arms (14, 15), and various fasteners (16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27).
- Roller and Wheel Assembly:** Includes the main roller (17) and the front wheel (18) with its axle (16) and bearings (15).
- Accessories:** A separate component (30) is shown, likely a filter or a secondary roller.

The diagram uses numbered callouts (1-30) to identify each part, with dashed lines indicating the assembly path and alignment of the components.

TAV. N° 23

[illegible]

TAV. N° 7

GRUPPO TANICA

22.0014.00

This technical drawing is an exploded view of a vehicle body assembly, likely a small truck or trailer. The main components are shown in a disassembled state to illustrate their relative positions and assembly points. The components are numbered as follows:

- 1: A small circular fastener or pin at the bottom front corner.
- 2: A larger circular fastener or pin at the bottom front corner.
- 3: A small circular fastener or pin at the bottom front corner.
- 4: A large L-shaped structural bracket at the bottom front.
- 5: A small circular fastener or pin at the bottom front corner.
- 6: A small circular fastener or pin at the bottom front corner.
- 7: A small circular fastener or pin at the bottom front corner.
- 8: A small circular fastener or pin at the bottom front corner.
- 9: A small circular fastener or pin at the bottom front corner.
- 10: A small circular fastener or pin at the bottom front corner.
- 11: A small circular fastener or pin at the bottom front corner.
- 12: A small circular fastener or pin at the bottom front corner.

In the top right corner, there is a small inset image showing the complete assembled unit, which appears to be a small truck or trailer with a canopy.

TAV. N° 7

[illegible]

TAV. N° 8

GRUPPO TANICA

22.0014.00

This technical diagram illustrates the assembly of a Tanica Group engine and its mounting components. The components are numbered as follows:

- 1: Flange
- 2: Bolt
- 3: Nut
- 4: Bolt
- 5: Bolt
- 6: Bolt
- 7: Bolt
- 8: Bolt
- 9: Bolt
- 10: Bolt
- 11: Bolt
- 12: Bolt
- 13: Bolt
- 14: Bolt
- 15: Bolt
- 16: Bolt
- 17: Bolt
- 18: Bolt
- 19: Bolt

The diagram shows the engine (top left), the main mounting plate (top right), the engine base (middle left), the engine housing (bottom left), and the engine support bracket (bottom right). The engine is shown in an exploded view, indicating the sequence of assembly. The mounting plate is shown in an exploded view, indicating the sequence of assembly. The engine base is shown in an exploded view, indicating the sequence of assembly. The engine housing is shown in an exploded view, indicating the sequence of assembly. The engine support bracket is shown in an exploded view, indicating the sequence of assembly.

TAV. N° 8

[illegible]

TAV. N° 9

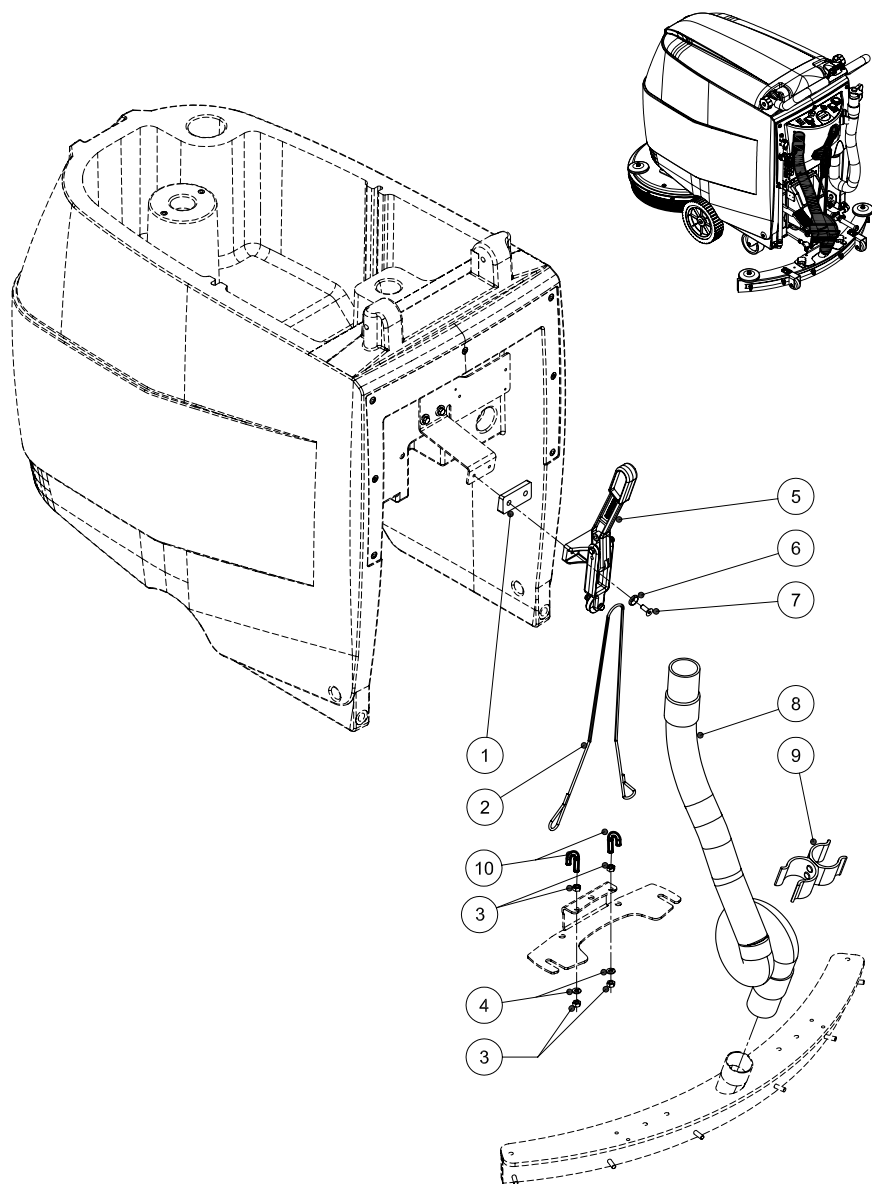
GRUPPO TANICA	22.0014.00
---------------	------------

Exploded view diagram of a Tanica group component, showing various parts numbered 1 through 25. The diagram includes a top cover (1), a base unit (2), a control panel (17), and a main body (9). A small inset shows the component installed on a vehicle chassis. The main body (9) is shown with dashed lines indicating internal components and connections. Various fasteners, hoses, and connectors are also shown, numbered 3 through 25.

TAV. N° 9

[illegible]

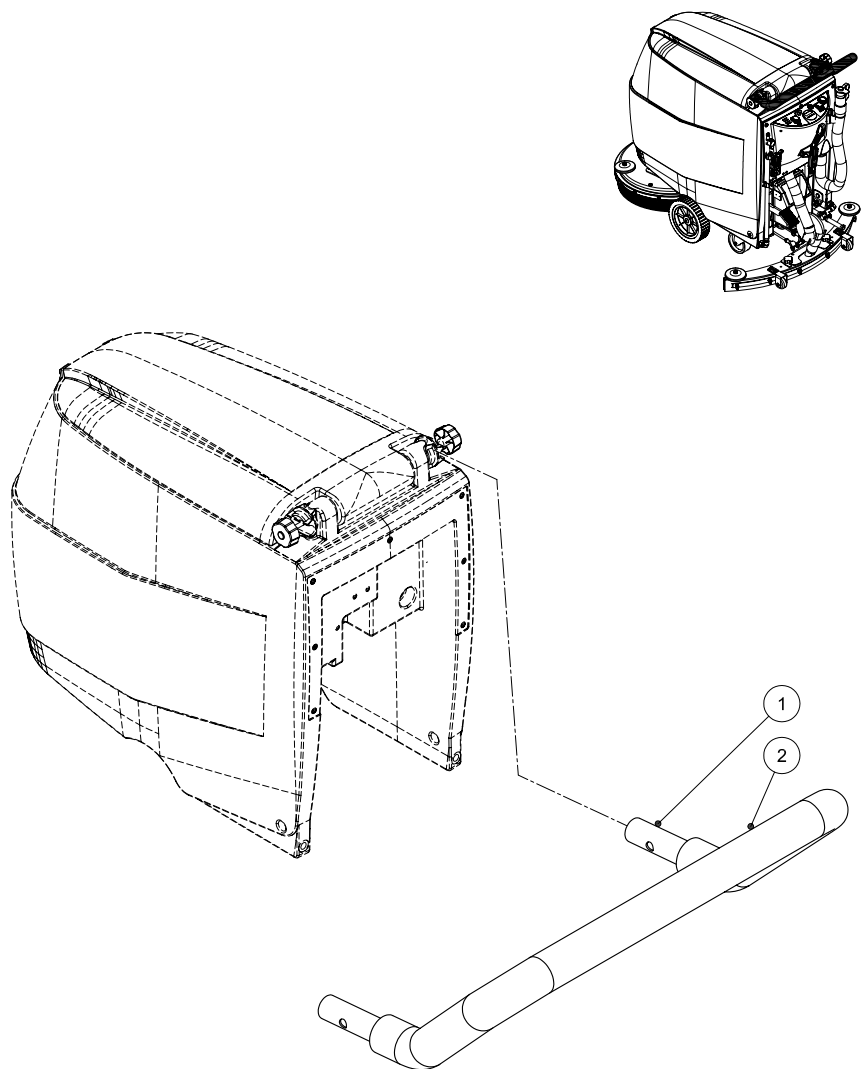
TAV. N° 34



TAV. N° 34

[illegible]

TAV. N° 33



TAV. N° 33

[illegible]

TAV. N° 29

GRUPPO ELETTRICO

22.0026.00

An isometric line drawing of the complete electric outboard motor assembly, showing the motor, gear case, and lower unit mounted on a transom.

An exploded view diagram showing the motor housing and the control panel. The housing is shown with dashed lines indicating its position relative to the control panel. The control panel is shown with various components labeled with numbers 1 through 19.

A detailed exploded view diagram of the control panel components. The components are labeled with numbers 1 through 19. The diagram shows the internal wiring, switches, and mechanical parts of the control panel. The components are shown in their relative positions, with dashed lines indicating their assembly path. The components include a main control unit (1), a battery pack (2), a battery pack connector (3), a battery pack terminal (4), a battery pack terminal (5), a battery pack terminal (6), a battery pack terminal (7), a battery pack terminal (8), a battery pack terminal (9), a battery pack terminal (10), a battery pack terminal (11), a battery pack terminal (12), a battery pack terminal (13), a battery pack terminal (14), a battery pack terminal (15), a battery pack terminal (16), a battery pack terminal (17), a battery pack terminal (18), and a battery pack terminal (19).

TAV. N° 29

[illegible]

TAV. N° 30

GRUPPO ELETTRICO

22.0026.00

This technical diagram illustrates the exploded view of an electric motor assembly. The main component is a large, rectangular motor housing with a flange on one side. A detailed inset in the top right corner shows the motor mounted on a vehicle chassis, highlighting its application. The main diagram features 14 numbered callouts pointing to various parts:

- 1: A screw for the terminal plate.
- 2: The terminal plate itself.
- 3: A terminal block.
- 4: A mounting bracket.
- 5: A terminal block.
- 6: A terminal block.
- 7: A terminal block.
- 8: A terminal block.
- 9: A screw for the terminal plate.
- 10: A screw for the terminal plate.
- 11: A screw for the terminal plate.
- 12: A terminal block.
- 13: A terminal block.
- 14: A terminal block.

TAV. N° 30

[illegible]

--

TAV. N° 6

GRUPPO MANIGLIONE	22.0022.00
-------------------	------------

TAV. N° 6

[illegible]

TAV. N° 14

GRUPPO ELETTRICO

22.0027.00

An isometric line drawing of the motor unit, showing the engine, cooling fan, and mounting bracket.

An exploded view diagram of the control panel assembly, showing the panel, mounting brackets, and various fasteners. Dashed lines indicate the assembly path.

A detailed exploded view diagram of the control panel components, numbered 1 through 21. The components include:

- 1: Control panel
- 2: Mounting bracket
- 3: Mounting bracket
- 4: Mounting bracket
- 5: Mounting bracket
- 6: Mounting bracket
- 7: Mounting bracket
- 8: Mounting bracket
- 9: Mounting bracket
- 10: Mounting bracket
- 11: Mounting bracket
- 12: Mounting bracket
- 13: Mounting bracket
- 14: Mounting bracket
- 15: Mounting bracket
- 16: Mounting bracket
- 17: Mounting bracket
- 18: Mounting bracket
- 19: Mounting bracket
- 20: Mounting bracket
- 21: Mounting bracket

TAV. N° 14

[illegible]

TAV. N° 15

GRUPPO ELETTRICO

22.0027.00

This technical diagram illustrates the exploded view of an electrical control unit, likely for a vehicle's engine or transmission. The main housing is shown on the left, with various components numbered 1 through 19. The components include:

- 1: A small circular component, possibly a fuse or indicator light.
- 2: A rectangular component, possibly a relay or fuse holder.
- 3: A small rectangular component, possibly a fuse or indicator light.
- 4: A small rectangular component, possibly a fuse or indicator light.
- 5: A small rectangular component, possibly a fuse or indicator light.
- 6: A small rectangular component, possibly a fuse or indicator light.
- 7: A small rectangular component, possibly a fuse or indicator light.
- 8: A small rectangular component, possibly a fuse or indicator light.
- 9: A small rectangular component, possibly a fuse or indicator light.
- 10: A small rectangular component, possibly a fuse or indicator light.
- 11: A small rectangular component, possibly a fuse or indicator light.
- 12: A small rectangular component, possibly a fuse or indicator light.
- 13: A small rectangular component, possibly a fuse or indicator light.
- 14: A small rectangular component, possibly a fuse or indicator light.
- 15: A small rectangular component, possibly a fuse or indicator light.
- 16: A small rectangular component, possibly a fuse or indicator light.
- 17: A small rectangular component, possibly a fuse or indicator light.
- 18: A small rectangular component, possibly a fuse or indicator light.
- 19: A small rectangular component, possibly a fuse or indicator light.

The diagram also shows a perspective view of the unit installed on a vehicle chassis in the top right corner.

TAV. N° 15

[illegible]

--

TAV. N° 26

GRUPPO MANIGLIONE

22.0066.00

A small inset diagram showing the rear view of a vehicle with the handle assembly installed. The handle is mounted on the rear of the vehicle, and the diagram shows the connection to the internal wiring and the handle's position relative to the vehicle's body.

A detailed exploded view diagram of the handle assembly. The diagram shows the handle, the mounting bracket, the wiring harness, and the internal components. Numbered callouts 1 through 10 identify the following parts: 1. Mounting bracket; 2. Screws; 3. Screws; 4. Screws; 5. Screws; 6. Screws; 7. Screws; 8. Screws; 9. Screws; 10. Screws. The diagram also shows the handle's connection to the vehicle's internal wiring and the handle's position relative to the vehicle's body.

TAV. N° 26

[illegible]

TAV. N° 20

GRUPPO MANIGLIONE CON LEVE	22.0037.00
----------------------------	------------

Exploded view diagram of a handle assembly (GRUPPO MANIGLIONE CON LEVE) with numbered parts (1-17). The diagram illustrates the assembly of the handle, control unit, and base plate. A small inset shows the assembly installed on a vehicle.

Numbered parts:

- 1: Upper handle section
- 2: Lower handle section
- 3: Control unit
- 4: Base plate
- 5: Mounting bracket
- 6: Mounting bracket
- 7: Mounting bracket
- 8: Mounting bracket
- 9: Mounting bracket
- 10: Mounting bracket
- 11: Mounting bracket
- 12: Mounting bracket
- 13: Cable connector
- 14: Cable connector
- 15: Cable connector
- 16: Mounting bracket
- 17: Mounting bracket

TAV. N° 20

[illegible]

TAV. N° 18

GRUPPO ELETTRICO D

22.0039.00

This technical diagram illustrates the assembly of an electrical control panel. The main view shows the panel's internal components, including a terminal block (1), a fuse holder (2), a circuit breaker (3), a relay (4), a solenoid (5), a pressure switch (6), a pressure sensor (7), a pressure gauge (8), a pressure switch (9), a pressure switch (10), a pressure switch (11), a pressure switch (12), a pressure switch (13), a pressure switch (14), a pressure switch (15), a pressure switch (16), a pressure switch (17), a pressure switch (18), a pressure switch (19), a pressure switch (20), a pressure switch (21), and a pressure switch (22). A separate view shows the panel's external housing with mounting brackets (10, 11, 12, 13) and a pressure switch (14). A small inset shows the panel mounted on a vehicle chassis. A list of numbered parts (1-23) is provided for identification.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23

TAV. N° 18

[illegible]

TAV. N° 19

GRUPPO ELETTRICO D	22.0039.00	
--------------------	------------	--

The diagram illustrates the assembly of the electrical group. The main housing (1) is shown with various mounting points and internal components. The components are numbered as follows:

- 1: Main housing
- 2: Mounting bracket
- 3: Mounting bracket
- 4: Mounting bracket
- 5: Mounting bracket
- 6: Mounting bracket
- 7: Mounting bracket
- 8: Mounting bracket
- 9: Mounting bracket
- 10: Mounting bracket
- 11: Mounting bracket
- 12: Mounting bracket
- 13: Mounting bracket
- 14: Mounting bracket
- 15: Mounting bracket
- 16: Mounting bracket
- 17: Mounting bracket
- 18: Mounting bracket
- 19: Mounting bracket

A small inset shows the assembly installed in the vehicle chassis.

TAV. N° 19

[illegible]

TAV. N° 35

GRUPPO TERGITORE 750	22.0006.00	
----------------------	------------	--

TAV. N° 35

[illegible]

--

TAV. N° 36

This diagram illustrates the assembly of the rear suspension system, specifically the rear axle and its connection to the vehicle frame. The components are numbered as follows:

- 1, 2, 3, 4, 5, 6, 7:** Curved rear axle leaves (semi-axes) shown in an exploded view.
- 8, 9, 10, 11, 12:** Components of the rear axle housing and its mounting to the frame, including a U-bolter (8), housing flange (9), housing body (10), and mounting brackets (11, 12).
- 13:** A small bracket or pin component.
- 14, 15, 16, 17, 18, 19:** Components of the rear differential assembly, including a differential housing (14), pinion (15), spider (16), and axle tubes (17, 18, 19).
- 20, 21, 22, 23, 24:** Components of the rear wheel assembly, including a wheel hub (20), brake drum (21), and axle tube (22, 23, 24).
- 25:** A small pin or clip used for securing the axle leaves.
- 26:** A large bracket or plate used for mounting the axle housing to the frame.

The diagram shows the relative positions and assembly sequence of these parts, with dashed lines indicating the alignment and fit of the components.

TAV. N° 36

[illegible]

TAV. N° 32

GRUPPO CARICABATTERIE	22.0032.00
-----------------------	------------

Exploded view diagram of the battery charging system (GRUPPO CARICABATTERIE) for a vehicle. The diagram illustrates the components and their assembly:

- 1**: Battery unit (GRUPPO CARICABATTERIE)
- 2**: Screws for mounting the battery unit to the base plate.
- 3**: Base plate for the battery unit.
- 4**: Charging cable with a power plug.
- 5**: Terminal block for the charging cable.
- 6**: Nut for securing the terminal block.
- 7**: Washer for the terminal block.
- 8**: Nut for securing the base plate to the frame.
- 9**: Washer for the base plate.
- 10**: Metal frame for the battery unit.
- 11**: Power plug for the charging cable.
- 12**: Battery unit (GRUPPO CARICABATTERIE).

The diagram shows the battery unit (12) connected to the charging cable (4) via the terminal block (5). The cable is secured with a nut (6) and washer (7). The battery unit is mounted on the base plate (3) using screws (2). The base plate is secured to the metal frame (10) with a nut (8) and washer (9). An inset shows the vehicle with the battery unit installed in the rear compartment.

TAV. N° 32

[illegible]

TAV. N° 10

GRUPPO ELETTRICO

22.0027.00

This technical diagram illustrates the assembly of an electrical component, likely a battery or power unit, onto a vehicle chassis. The diagram is divided into three main sections showing different stages of assembly:

- Top Section:** Shows the main rectangular unit (1) with various terminals (2, 3, 4, 6) and mounting hardware (11) being attached to its top surface.
- Middle Section:** Shows a separate rectangular box (5) positioned below the main unit.
- Bottom Section:** Shows the main unit (1) being mounted onto a complex metal chassis (7) using bolts (8). A separate component (9) is shown being attached to the chassis using additional bolts (8, 10).

The diagram uses numbered callouts (1 through 11) to identify specific parts and their assembly points. A small inset image in the top right corner shows the complete assembly mounted on a vehicle chassis, providing context for the main exploded view.

TAV. N° 10

[illegible]
