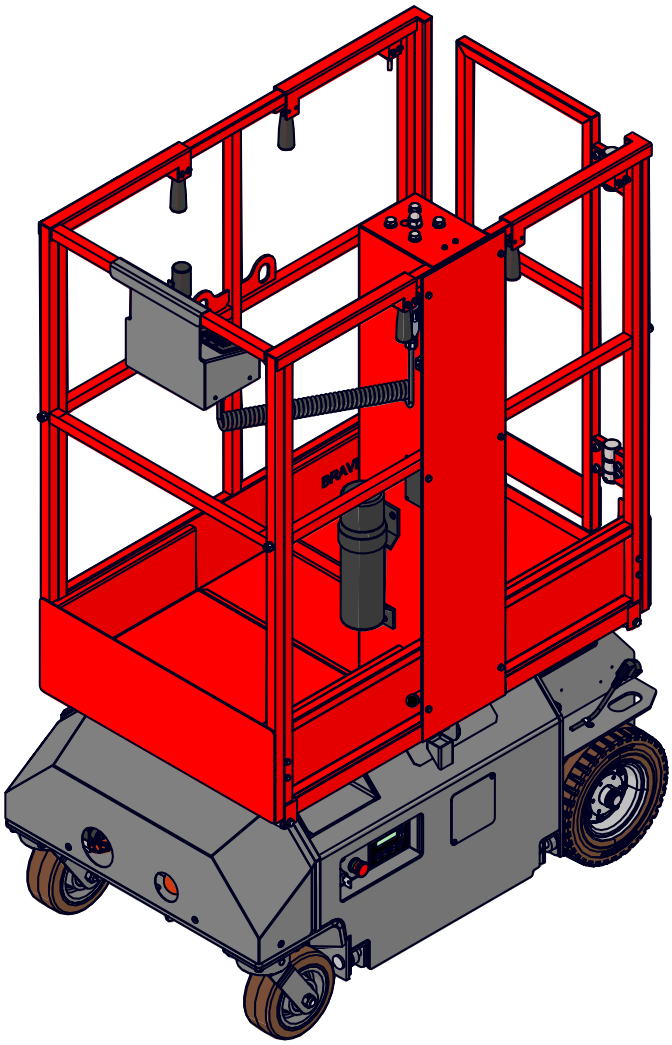
# LISTINO RICAMBI
# SPARE PARTS LIST

Istruzioni Originali

LEONARDO HD



10-2026 Rev 09

| Leonardo HD |
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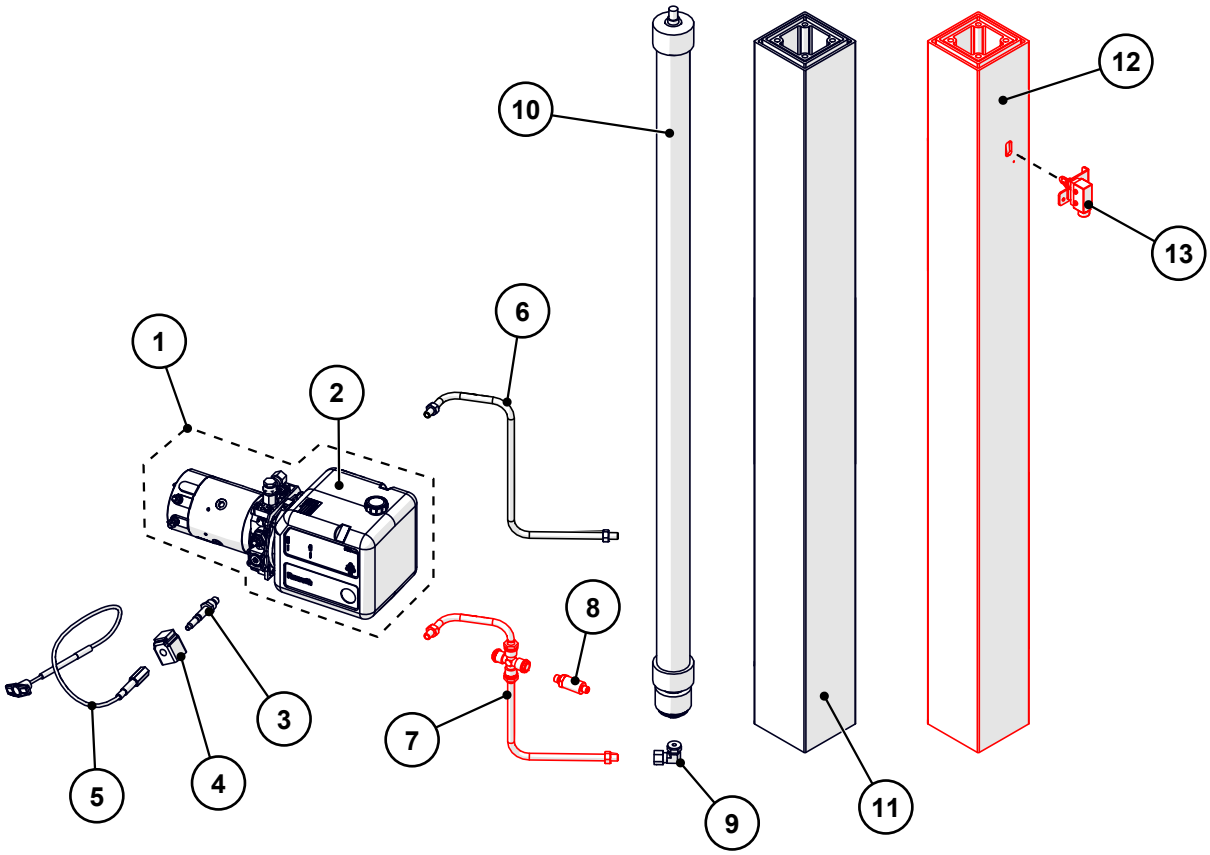


| Leonardo HD – Colonna e Idraulica / Mast and Hydraulics | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 701.0007 | Centralina idraulica Bosch Rexroth | Bosch Rexroth hydraulic power unit |
| | 304.0029 | Kit spazzole motore | Motor brush kit |
| | 709.K225582000 | Filtro olio | Oil filter |
| 2 | 113.0005 | Serbatoio in plastica | Plastic reservoir |
| 3 | 702.0001 | Valvola di discesa | Lowering valve |
| 4 | 306.0024A | Bobina 24 V | 24 V coil |
| 5 | 108.0500A | Cavo aprivalvola di emergenza | Emergency valve opening cable |
| 6 | 706.0107 | Tubo di mandata | Oil supply line |
| 7 | 706.0108 | Tubo di mandata | Oil supply line |
| 8 | 315.8004 | Trasduttore di pressione | Pressure transducer |
| 9 | 708.110612 | Raccordo idraulico 90° | 90° hydraulic fitting |
| 10 | 703.3008 | Cilindro idraulico | Hydraulic cylinder |
| 11 | 002.01100 | Colonna in alluminio (no cilindro) | Aluminium mast (no cylinder) |
| 12 | 002.01101 | Colonna in alluminio (no cilindro) | Aluminium mast (no cylinder) |
| 13 | 506.0143ASS | Kit sostituzione microswitch | Microswitch replacement kit |

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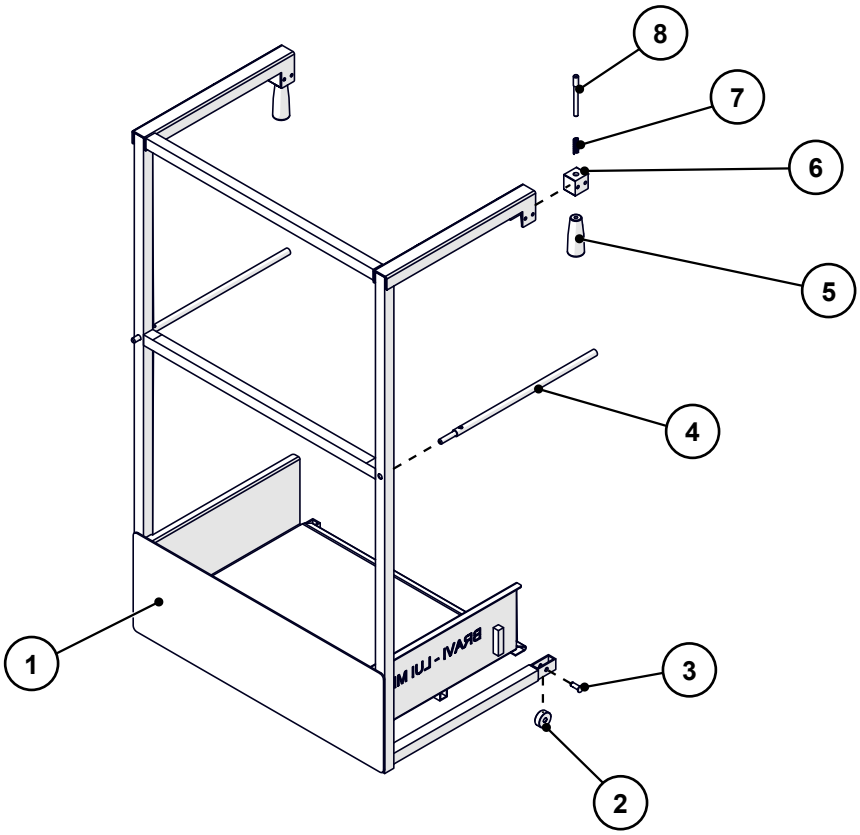


| Leonardo HD – Estensione Anteriore / Front Basket Extension | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 201.60004V | Estensione anteriore cestello | Front basket extension |
| 2 | 209.0003 | Rotella in teflon | Teflon roller |
| 3 | 251.0003 | Perno con testa | Pivot with head |
| 4 | 255.0001ZN | Guida estensione | Extension guide |
| 5 | 108.9003 | Pomello in plastica | Plastic knob |
| 6 | 212.0001ZN | Supporto | Bracket |
| 7 | 107.203501001 | Molla a compressione | Compression spring |
| 8 | 251.0031 | Perno con gambo | Pivot pin with shank |

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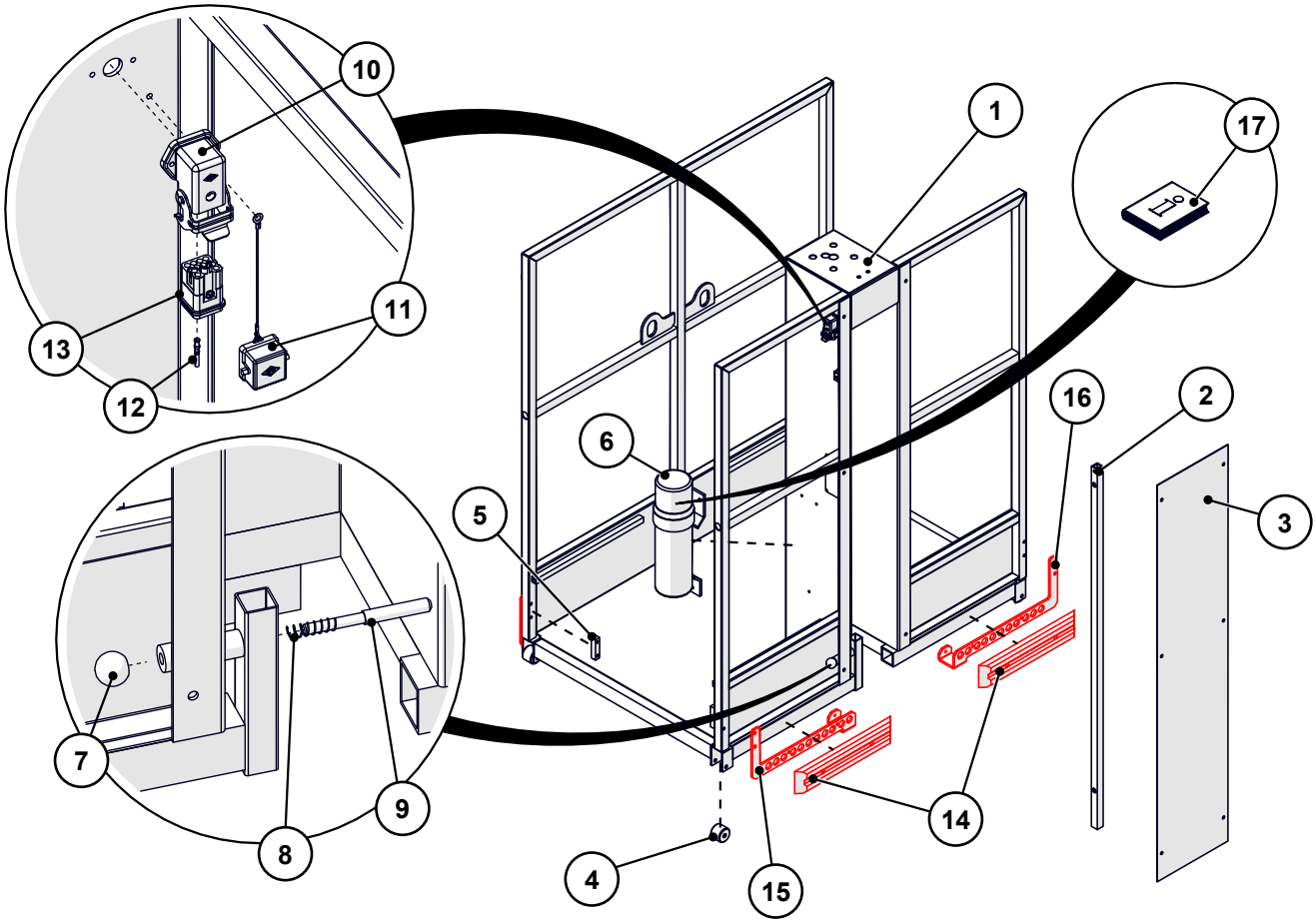


| Leonardo HD – Cestello Centrale / Central Basket | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 201.60002V | Cestello centrale | Central basket |
| 2 | 208.60003ZN | Asta di sicurezza | Safety strut |
| 3 | 204.60006V | Coperchio posteriore cestello | Rear basket cover |
| 4 | 209.0002 | Rotella in teflon | Teflon roller |
| 5 | 212.0002ZN | Blocchetto di battuta | Stop block |
| 6 | 508.0003 | Portadocumenti | Manual box |
| | 508.0001 | Portadocumenti | Manual box |
| 7 | 108.9002 | Pomello in plastica | Plastic knob |
| 8 | 107.203501001 | Molla a compressione | Compression spring |
| 9 | 251.0001 | Perno con gambo | Pivot pin with shank |
| 10 | 304.CKA03IA | Custodia metallica ad angolo | Angled metal housing |
| 11 | 304.CKA03C | Coperchio volante | Tethered cover |
| 12 | 305.CDFA07 | Puntalino femmina | Female contact |
| 13 | 303.CQF12 | Frutto 12 poli femmina | 12-pin female connector |
| 14 | 501.01101 | Paraurti cestello | Basket bumper |
| 15 | 201.60108V | Staffa paraurti cesta sinistra | Left-hand basket bumper bracket |
| 16 | 201.60109V | Staffa paraurti cesta destra | Right-hand basket bumper bracket |
| 17 | 502.0101MAN | Manuale Uso e Manutenzione | User and Maintenance Manual |

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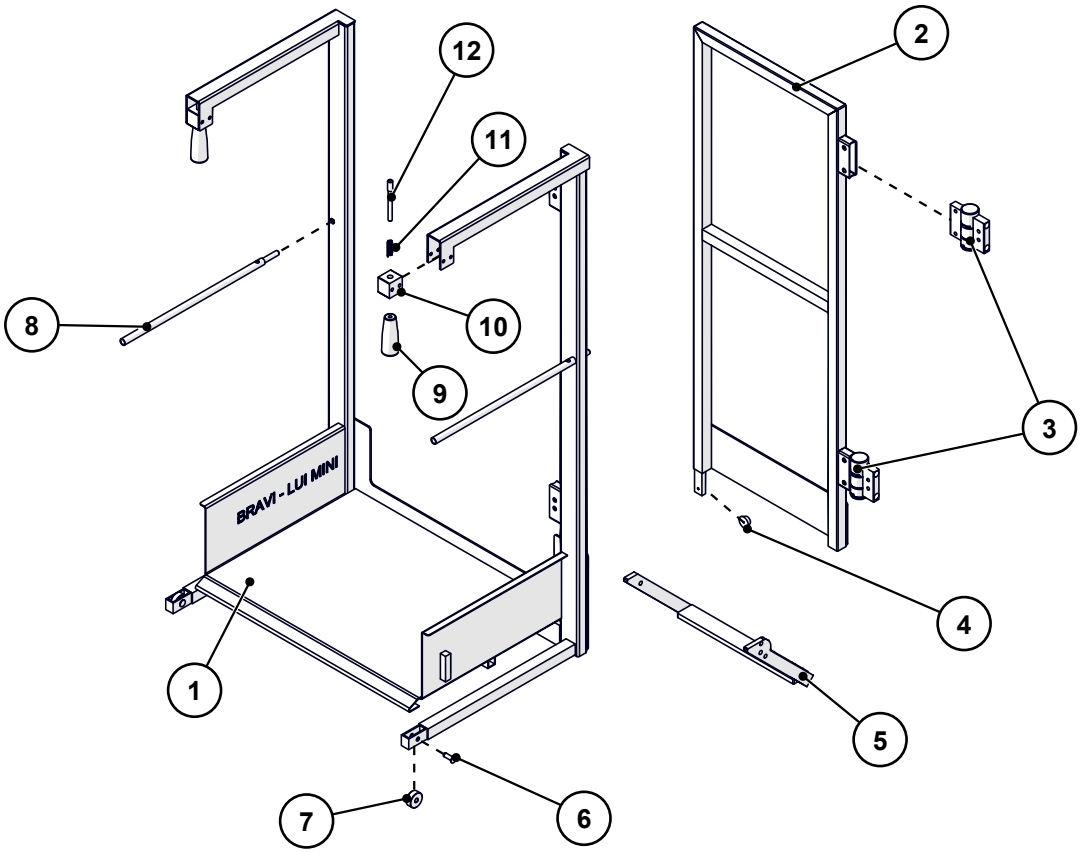


| Leonardo HD – Estensione Posteriore / Rear Basket Extension | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 201.60003V | Estensione posteriore cestello | Rear basket extension |
| 2 | 211.60002V | Cancello | Gate |
| 3 | 104.0002 | Cerniera ad apertura antioraria | Hinge, counter-clockwise opening |
| 4 | 109.0001 | Tampone cancello | Gate buffer |
| 5 | 201.60005V | Gradino richiudibile cestello | Foldable basket step |
| 6 | 251.0003 | Perno con testa | Pivot with head |
| 7 | 209.0003 | Rotella in teflon | Teflon roller |
| 8 | 255.0001ZN | Guida estensione | Extension guide |
| 9 | 108.9003 | Pomello in plastica | Plastic knob |
| 10 | 212.0001ZN | Supporto | Bracket |
| 11 | 107.203501001 | Molla a compressione | Compression spring |
| 12 | 251.0031 | Perno con gambo | Pivot pin with shank |

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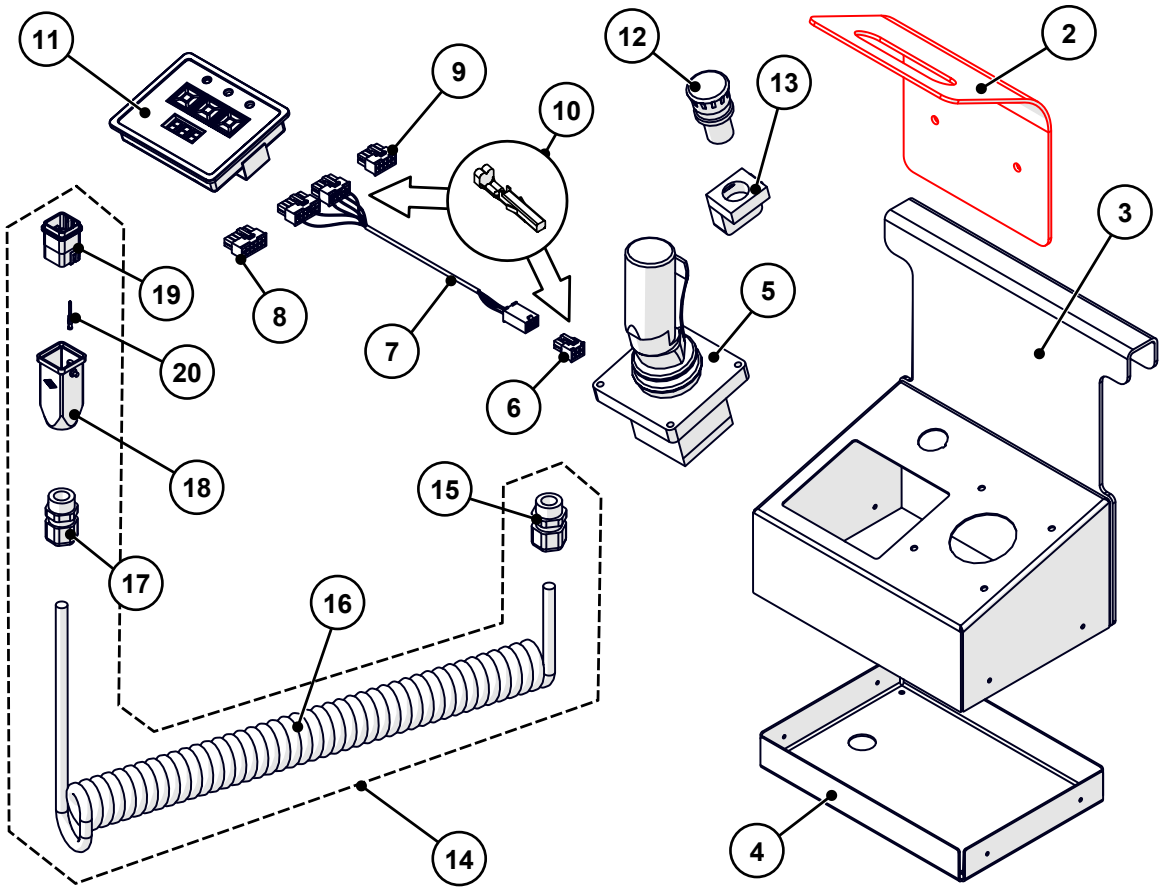


| Leonardo HD – Pulsantiera / Control Box | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 004.01003 | Pulsantiera completa | Complete control box |
| 2 | 210.60138V | Protezione pulsantiera | Control box protection |
| 3 | 203.60047V | Scatola superiore pulsantiera | Control box upper housing |
| 4 | 203.60046V | Scatola inferiore pulsantiera | Control box lower housing |
| 5 | 316.7002 | Joystick | Joystick |
| 6 | 303.06TM | Connettore 6 poli maschio | 6-pin male connector |
| 7 | 317.0051 | Cavo joystick | Joystick cable |
| 8 | 303.12TM | Connettore 12 poli maschio | 12-pin male connector |
| 9 | 303.10TM | Connettore 10 poli maschio | 10-pin male connector |
| 10 | 305.TF01 | Puntalino femmina | Female contact |
| 11 | 307.ITA102 | Tastierino display superiore | Top keypad with display |
| | 307.21500334 | Tastierino display superiore | Top keypad with display |
| 12 | 316.0022 | Pulsante di emergenza | Emergency pushbutton |
| 13 | 316.0021 | Base + contatto pulsante di emergenza | Base + emergency push-button contact |
| 14 | 317.070460AS | Cavo spiralato pulsantiera completo | Complete control panel coiled cable |
| 15 | 304.PG13A | Pressacavo PG13.5 | PG13.5 cable gland |
| 16 | 312.070460 | Cavo spiralato grezzo | Coiled cable, no terminals |
| 17 | 304.PG11A | Pressacavo PG11 | PG11 cable gland |
| 18 | 304.CKA03VS | Custodia metallica volante | Cable-mounted metal enclosure |
| 19 | 303.CQM12 | Frutto 12 poli maschio | 12-pin male plug |
| 20 | 305.CDMA07 | Puntalino maschio | Male contact |

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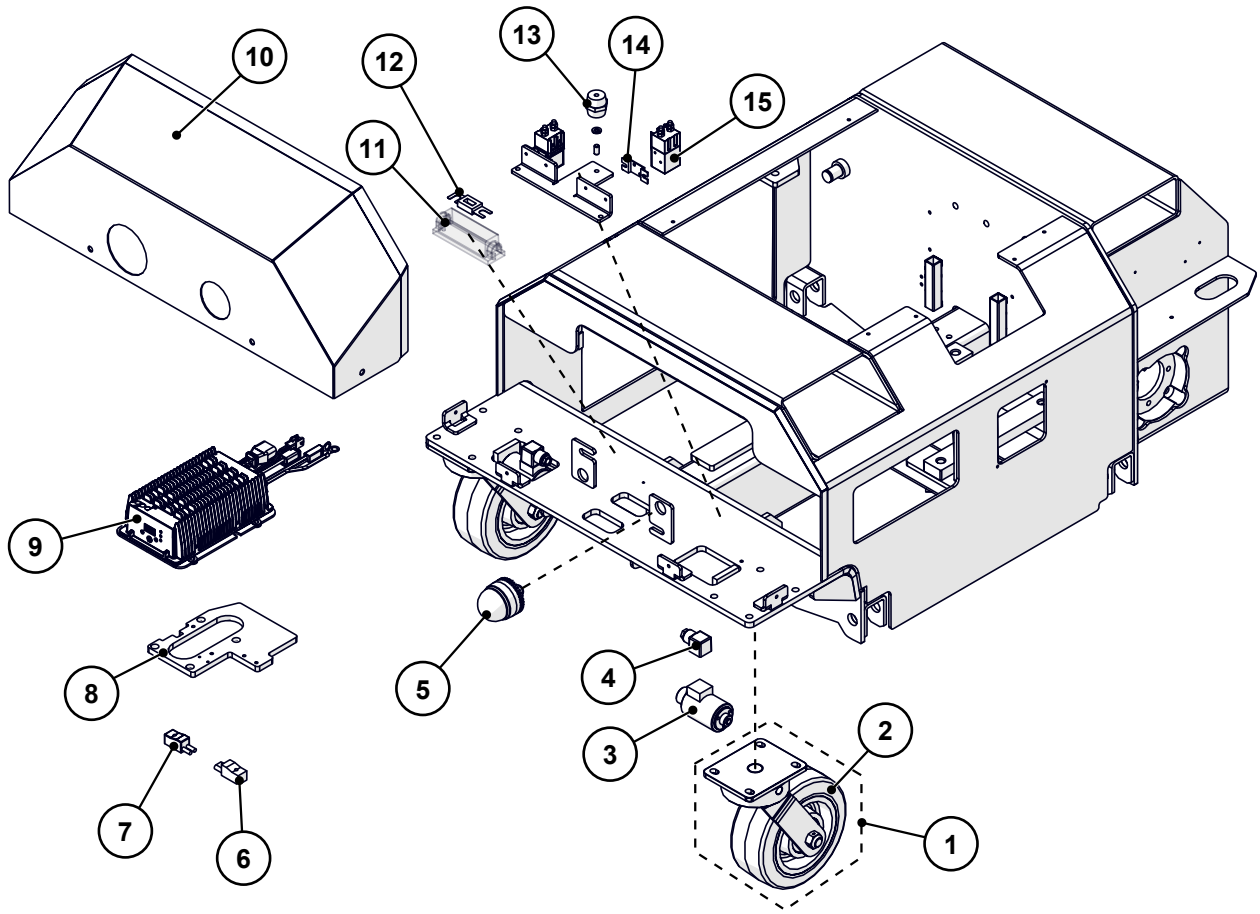


| Leonardo HD – Telaio Anteriore / Front Chassis | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 100.A200080 | Ruota anteriore pivottante | Front caster wheel |
| 2 | 55.9.3.02.020 | Ruota anteriore pivottante | Pivoting front wheel |
| 3 | 318.0001 | Solenoide | Solenoid |
| 4 | 303.0003 | Connettore volante per solenoide | Flying lead connector for solenoid |
| 5 | 311.0001 | Indicatore acustico luminoso | Audible and visual indicator |
| 6 | 303.BM9023 | Connettore 2 poli maschio | 2-pin male connector |
| 7 | 303.BM9024 | Connettore 2 poli femmina | 2-pin female connector |
| 8 | 210.60023ZN | Piastria caricabatterie | Battery charger plate |
| 9 | 302.24015 | Caricabatterie interno | Internal battery charger |
| 10 | 204.60038V | Coperchio anteriore telaio | Chassis front cover |
| 11 | 309.1001 | Portafusibile | Fuse holder |
| 12 | 309.80100 | Fusibile | Fuse |
| 13 | 303.0011 | Dado isolato | Insulated nut |
| 14 | 304.ETL10ST-2 | Staffa teleruttore | Contactor bracket |
| 15 | 306.TL10P2 | Teleruttore 24 V | 24 V contactor |

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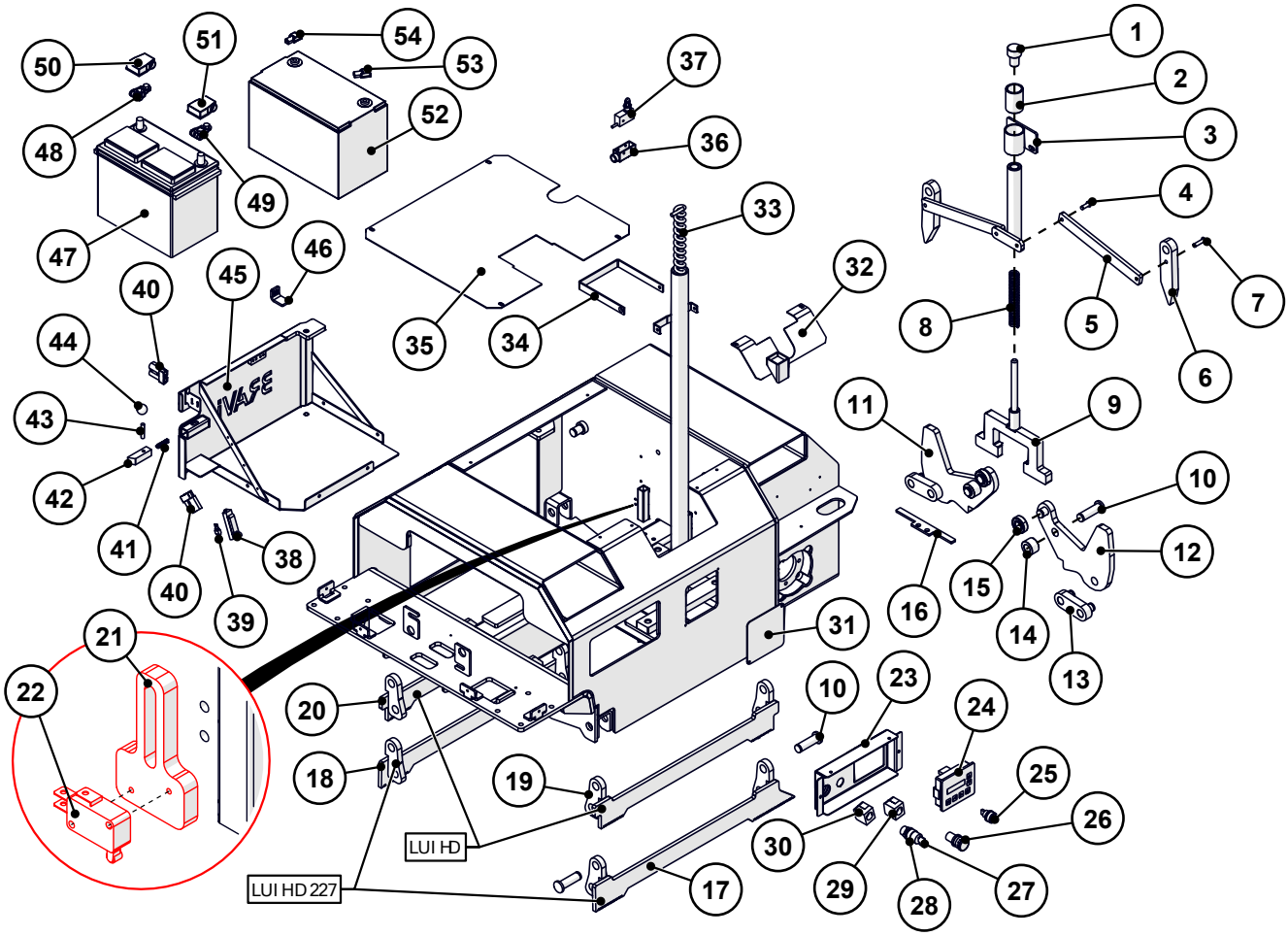


| Leonardo HD – Telaio Centrale / Central Chassis | | | |
|---|---|---|---|
| POS. | CODICE/CODE. | DESCRIZIONE | DESCRIPTION |
| 1 | 255.0003 | Tappo punzone | Anti-tilt push rod cap |
| 2 | 252.0001 | Boccola punzone | Punch bushing |
| 3 | 215.60019ZN | Tubo guida antiribaltamento | Anti-tipping guide tube |
| 4 | 251.0003 | Perno con testa | Pivot with head |
| 5 | 215.60013ZN | Asta rinvio antiribaltamento | Anti-tilt linkage rod |
| 6 | 215.60006ZN | Cuneo antiribaltamento | Anti-tilt wedge |
| 7 | 251.0007 | Perno con testa | Pivot with head |
| 8 | 107.216002403 | Molla a compressione | Compression spring |
| 9 | 215.60016ZN | Attuatore molla antiribaltamento | Anti-tilt spring actuator |
| 10 | 251.0005 | Perno con testa | Pivot with head |
| 11 | 215.60018ZN | Contrappeso destro antiribaltamento | Right-hand anti-tilt counterweight |
| 12 | 215.60017ZN | Contrappeso sinistro antiribaltamento | Left anti-tilt counterweight |
| 13 | 215.60014ZN | Biella antiribaltamento | Anti-tilt connecting rod |
| 14 | 255.0009 | Boccola distanziale | Anti-tilt spacer bushing |
| 15 | 102.6004A | Cuscinetto radiale | Radial bearing |
| 16 | 215.60012ZN | Battuta antiribaltamento | Anti-tilt stop |
| 17 | 215.60033V | Barra antiribaltamento sinistra | Left anti-tilt bar |
| 18 | 215.60032V | Barra antiribaltamento destra | Right-hand anti-tilt bar |
| 19 | 215.60028V | Barra antiribaltamento sinistra | Left anti-tilt bar |
| 20 | 215.60027V | Barra antiribaltamento destra | Right-hand anti-tilt bar |
| 21 | 215.60048ZN | Supporto microswitch antiribaltamento | Anti-tilt microswitch bracket |

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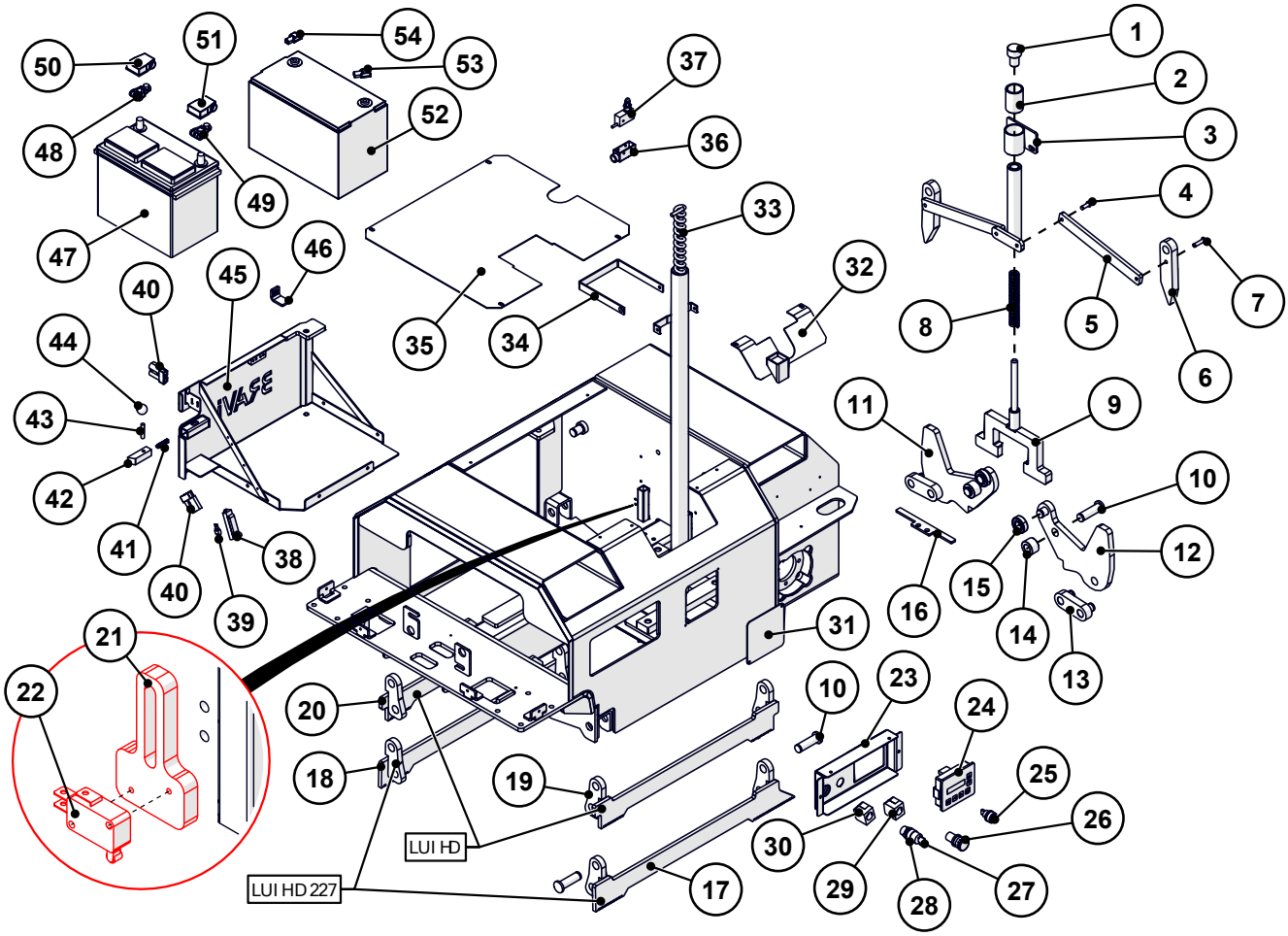


| Leonardo HD – Telaio Centrale / Central Chassis | | | |
|---|---|---|---|
| POS. | CODICE/CODE. | DESCRIZIONE | DESCRIPTION |
| 22 | 315.9001 | Microswitch | Microswitch |
| 23 | 203.60045V | Piastra quadro comandi | Control panel plate |
| 24 | 307.ITA101 | Tastierino display inferiore | Lower keypad with display |
| | 308.TS100 | Tastierino display inferiore | Lower keypad with display |
| 25 | 311.0028 | Indicatore di ricarica | Charging indicator |
| | 311.0029 | Indicatore di ricarica | Charging indicator |
| | 311.0037 | Indicatore di ricarica | Charging indicator |
| 26 | 316.0022 | Pulsante di emergenza | Emergency pushbutton |
| 27 | 316.0031 | Chiave | Key |
| 28 | 316.0029 | Selettore chiave 1-0-2 | 1-0-2 key selector |
| 28 | 316.0033 | Selettore chiave 1-0-2 | 1-0-2 key selector |
| | 316.0043 | Selettore chiave 1-0-2 + base + contatti | 1-0-2 key selector + base + contacts |
| 29 | 316.0021 | Base + contatto pulsante di emergenza | Base + emergency push-button contact |
| 30 | 316.0030 | Base + contatto | Base + contact |
| 31 | 204.60025V | Coperchio laterale telaio | Chassis side cover |
| 32 | 204.60055V | Coperchio colonna telaio | Chassis mast cover |
| 33 | 317.070820AS | Cavo spiralato completo | Coiled cable, ready-to-install |
| 34 | 210.60010ZN | Staffa collare colonna | Mast collar bracket |
| 35 | 204.60022V | Coperchio superiore telaio | Chassis upper cover |
| 36 | 315.9002 | Coperchio microswitch | Microswitch cover |
| 37 | 315.9003 | Microswitch | Microswitch |

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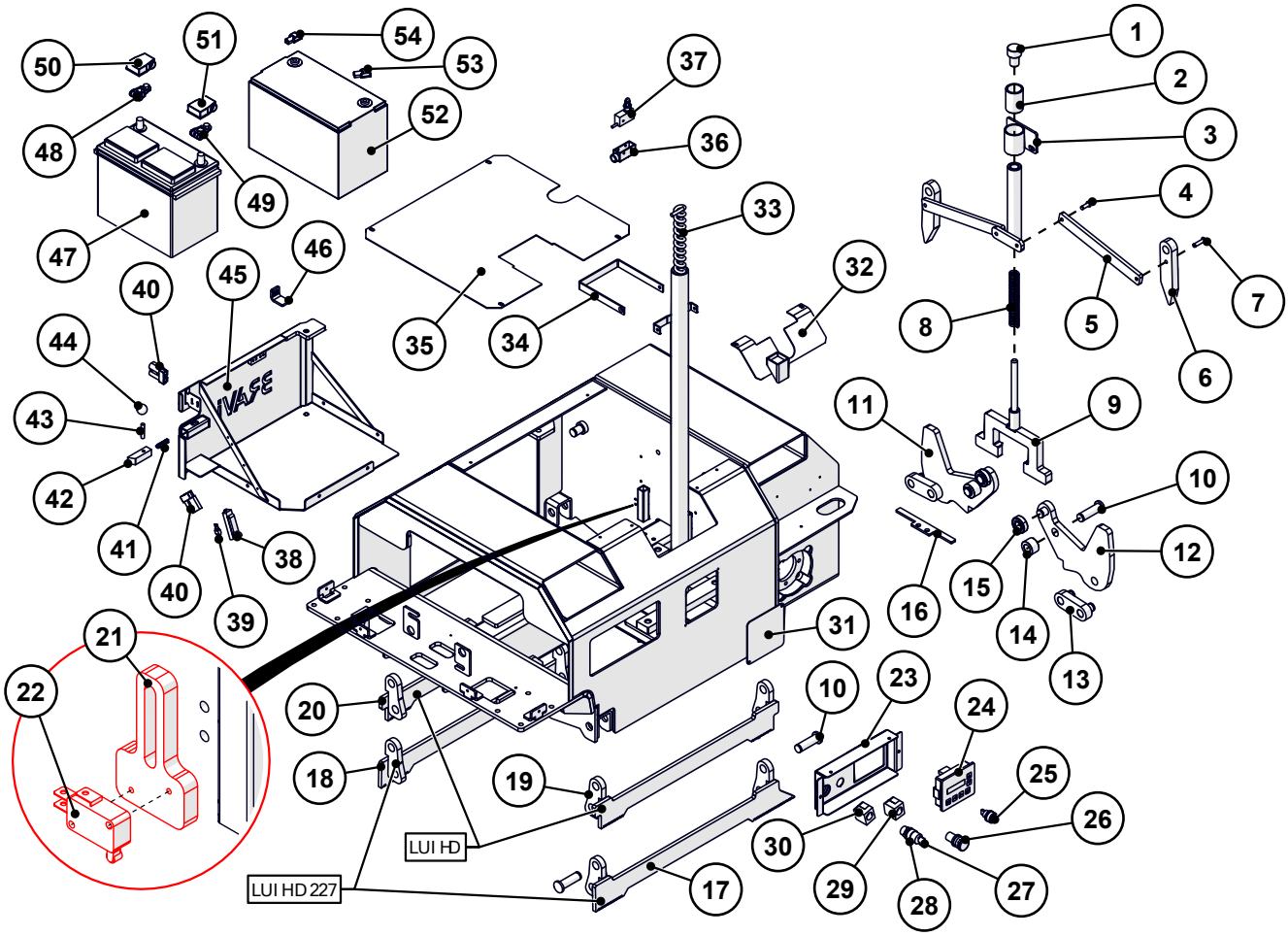


| Leonardo HD – Telaio Centrale / Central Chassis | | | |
|---|---|---|---|
| POS. | CODICE/CODE. | DESCRIZIONE | DESCRIPTION |
| 38 | 309.1003 | Portafusibile | Fuse holder |
| 39 | 309.32030 | Fusibile | Fuse |
| 40 | 303.SB0502PR | Connettore 2 poli sb50 | 2-pole SB50 connector |
| 41 | 107.203501001 | Molla a compressione | Compression spring |
| 42 | 212.0008ZN | Paletto | Latch |
| 43 | 251.0017 | Perno prigioniero | Stud bolt |
| 44 | 108.9002 | Pomello in plastica | Plastic knob |
| 45 | 216.60006V | Cassetto portabatterie | Battery tray |
| 46 | 210.60022V | Staffa fermabatterie | Battery retaining bracket |
| 47 | 301.12001 | Batteria piombo-acido a liquido | Liquid-filled lead-acid battery |
| 48 | 303.0001 | Morsetto batteria positivo | Positive battery terminal |
| 48 | 303.0002 | Morsetto batteria negativo | Negative battery terminal |
| 49 | 303.0002 | Morsetto batteria negativo | Negative battery terminal |
| 50 | 304.50051 | Coprimorsetto rosso foro destro | Red terminal cover with hole on the right |
| 51 | 304.50053 | Coprimorsetto nero foro destro | Black terminal cover with right-hand hole |
| 52 | 301.12002 | Batteria AGM | AGM battery |
| 52 | 301.12012 | Batteria AGM | AGM battery |
| 53 | 304.50523 | Coprimorsetto rosso | Red terminal cover |
| 54 | 304.50524 | Coprimorsetto nero | Black terminal cover |

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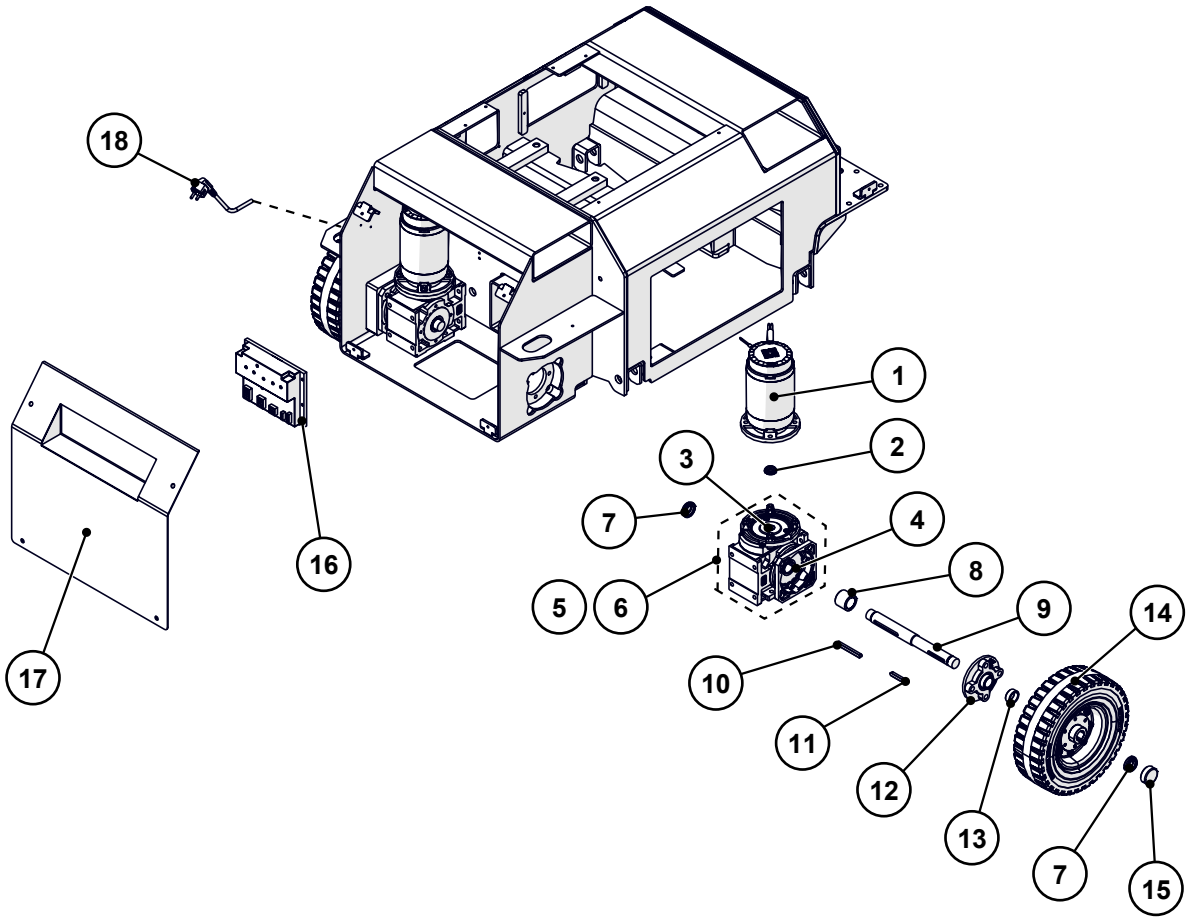


| Leonardo HD – Telaio Posteriore / Rear Chassis | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 1 | 300.0500B | Motore elettrico di trazione | Electric traction motor |
| 2 | 109.0019 | Kit ingranaggio per riduttore | Gear kit for gearbox |
| 3 | 112.20356 | Paraolio | Oil seal |
| 4 | 112.408511 | Paraolio | Oil seal |
| 5 | 101.0056 | Riduttore per trazione | Drive gearbox |
| 6 | 101.0056TR | Riduttore per trazione | Drive gearbox |
| 7 | 807.0003 | Ghiera | Ring nut |
| 8 | 255.0008 | Boccola ruota | Wheel bushing |
| 9 | 250.0001 | Albero di trazione | Drive shaft |
| 10 | 804.0807080 | Linguetta | Tab |
| 11 | 804.0807056 | Linguetta | Tab |
| 12 | 103.0205 | Cuscinetto flangiato | Flanged bearing |
| 13 | 252.0006 | Boccola ruota | Wheel bushing |
| 14 | 100.B300090HD | Ruota posteriore di trazione | Rear drive wheel |
| 15 | 255.0019 | Coperchio ruota | Wheel cover |
| 16 | 307.TS100S | Scheda elettronica | Ground module unit |
| | 307.ITA100 | Scheda elettronica | Ground module unit |
| 17 | 204.60023V | Coperchio posteriore telaio | Chassis rear cover |
| 18 | 304.0009 | Spina tedesca IEC | German IEC plug |
| | 304.0001 | Spina inglese | UK plug |
| | 304.0010 | Spina americana IEC | IEC American plug |

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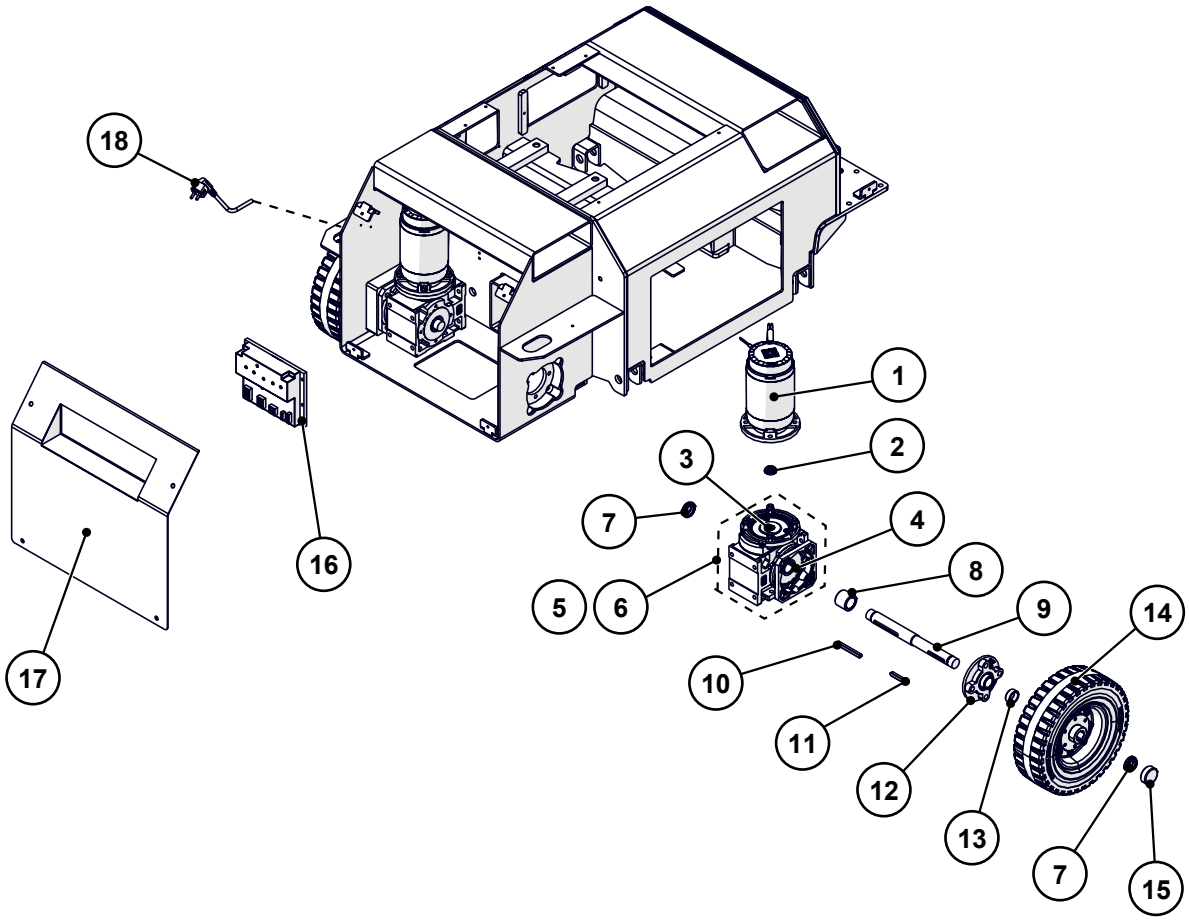


| Leonardo HD – Telaio Posteriore / Rear Chassis | | | |
|---|---|---|---|
| **POS.** | **CODICE/CODE.** | **DESCRIZIONE** | **DESCRIPTION** |
| 18 | 304.0011 | Spina australiana IEC | Australian IEC plug |
| | 304.0017 | Spina svizzera volante | Swiss flying plug |
| | 304.0023 | Spina tedesca volante | German flying plug |
| | 304.0026 | Spina industriale 220 V volante | 220 V industrial flying plug |
| | 304.GW60023H | Spina industriale 110 V volante | 110 V industrial plug (exposed) |
| | 304.PEW1663 | Spina industriale 220 V fissa | Fixed 220 V industrial plug |

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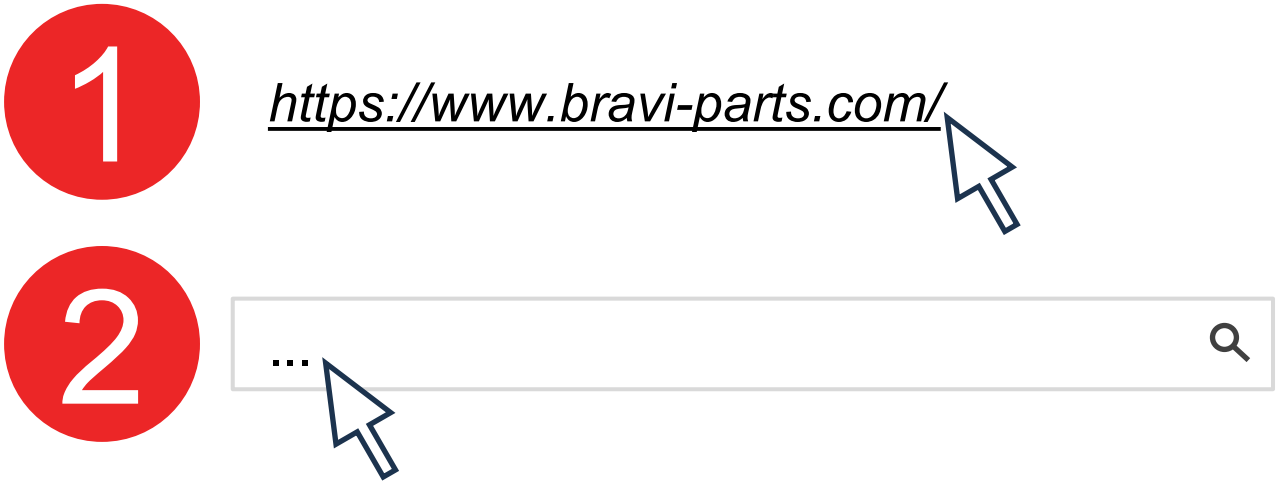

**BRAVI-PLATFORMS S.R.L.**
S.S. 16 Adriatica km. 314,600
60022 Castelfidardo (AN)

Tel. 071.7819090
Fax 071.7819355

E-mail: info@bravi-platforms.com
Website : www.bravi-platforms.com
Spare parts: www.bravi-parts.com