



# **CARRARO**

**Catalogo Parti Di Ricambio**

***Spare Parts List***

**TRASMISSIONE TLB1 UP 2WD**

***TLB1 UP 2WDTRANSMISSION***

**REF. 145302**

- 1.0.0 Pompa olio  
*Oil pump*
- 2.0.0 Filtri olio  
*Oil filters*
- 3.0.0 Scatola trasmissione  
*Transmission housing*
- 4.0.0 Alberi d'entrata e di trasmissione PTO (asse A)  
*Input and PTO transmission shafts (axe A)*
- 5.0.0 Albero rinvio (asse D) e albero primario (asse B)  
*Reverse shaft (axe D) and primary shaft (axe B)*
- 6.0.0 Albero secondario (asse C)  
*Secondary shaft (axe C)*
- 6.1.0 Albero secondario (asse C)  
*Secondary shaft (axe C)*
- 7.0.0 Comando marce  
*Speed control*
- 8.0.0 Distributore  
*Transmission control valve*
- 8.1.0 Distributore  
*Transmission control valve*
- 9.0.0 Sommario kit  
*Kit summary*

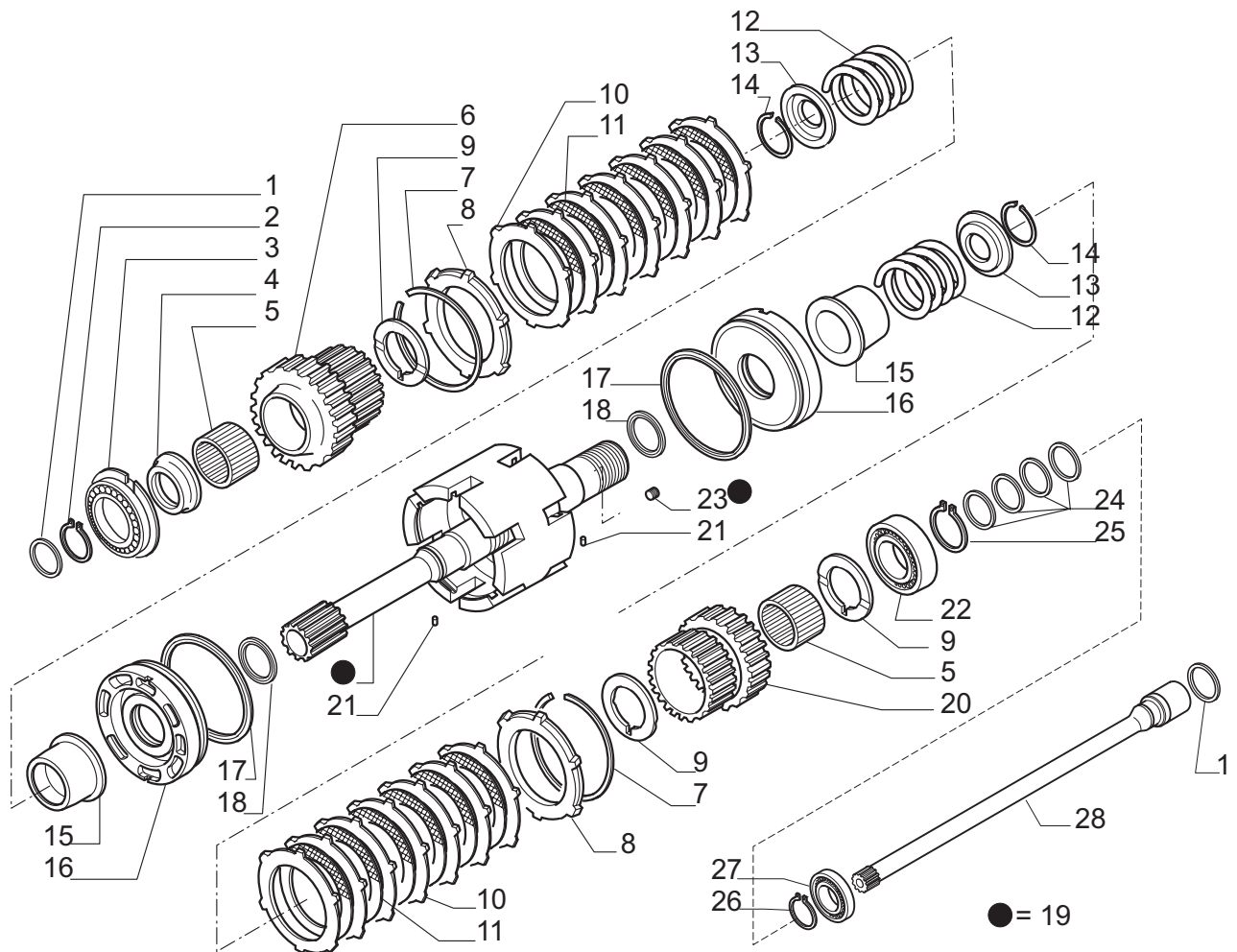
**Il presente catalogo è valido a partire dal N° di matricola 101.**

***This catalogue is valid from serial number 101.***

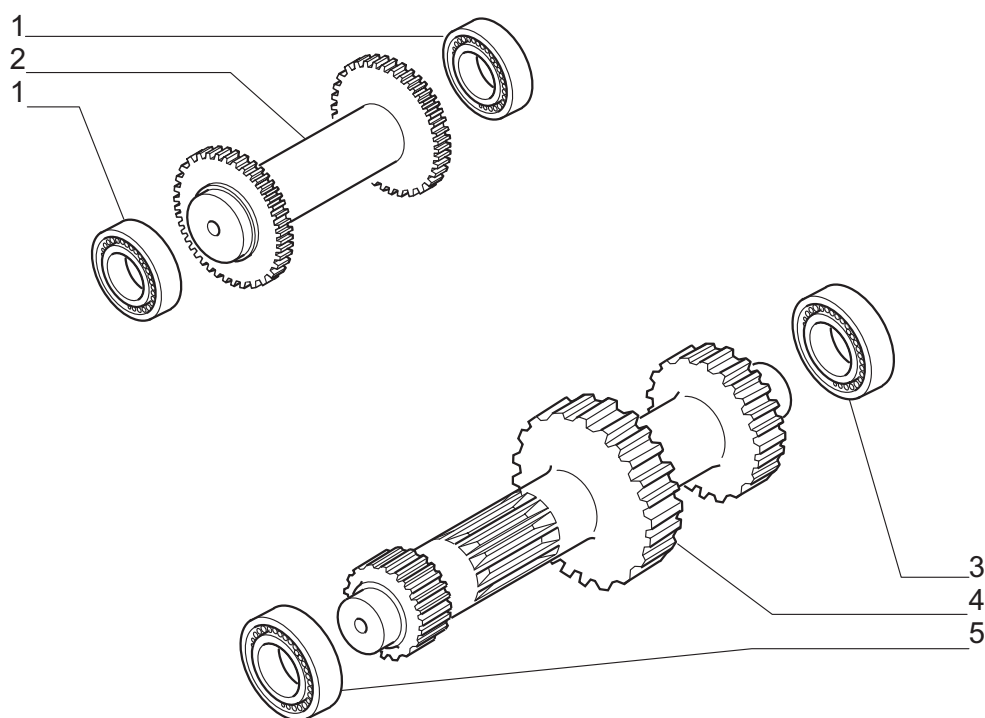


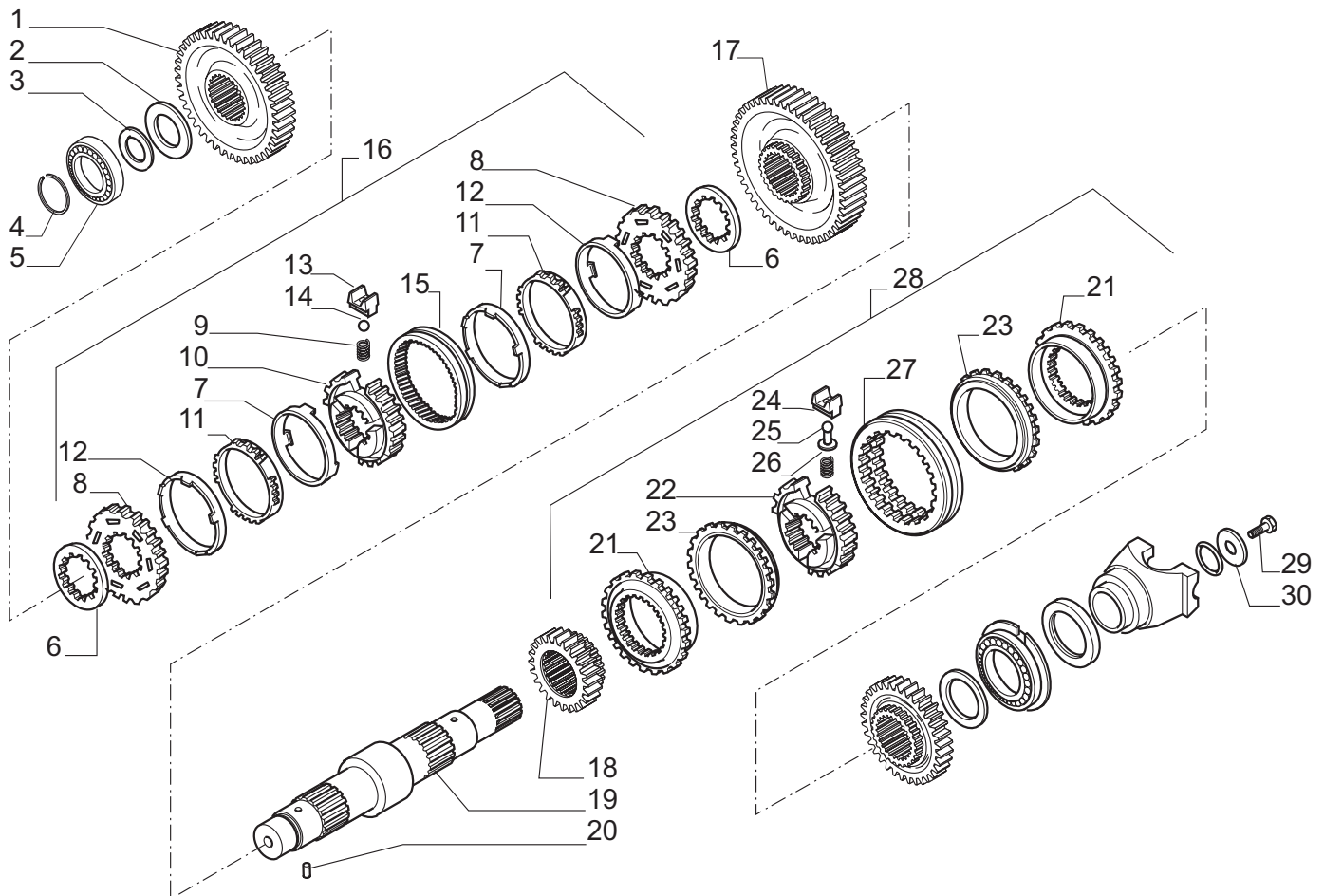






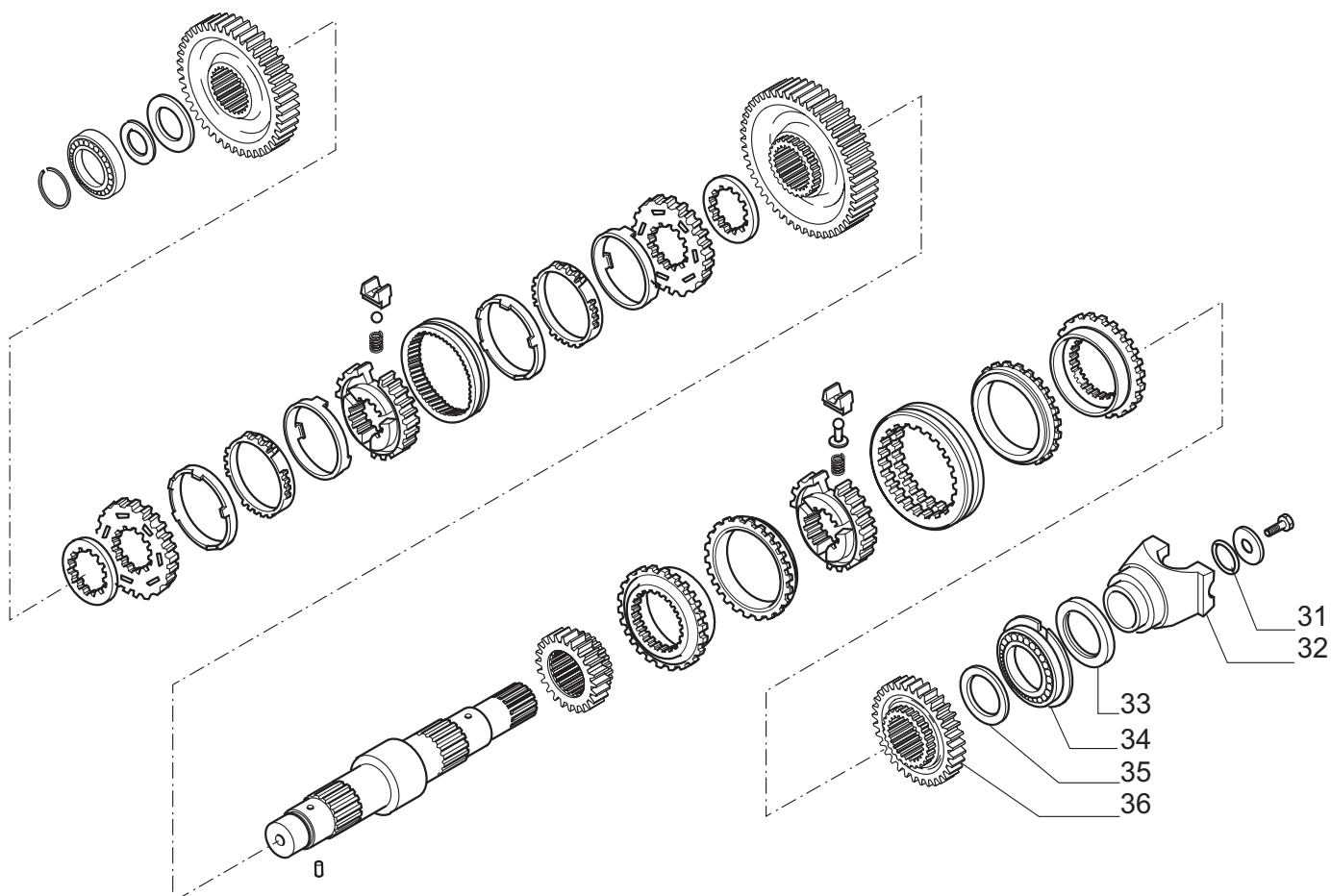
| Pos. | Ref.   | Q.ty | Descrizione                | Description            | Kit    | Note |
|------|--------|------|----------------------------|------------------------|--------|------|
| 1    | 139197 | 2    | Anello Ten.Rotante D45     | Seal ring D45          |        |      |
| 2    | 024800 | 1    | Anello seeger D45          | Snap ring D45          |        |      |
| 3    | 026160 | 1    | Cuscinetto                 | Bearing                |        |      |
| 4    | 139011 | 1    | Ralla 68x45x105            | Spacer 68x45x105       |        |      |
| 5    | 027956 | 2    | Gabbia rulli               | Needle bearing bush    |        |      |
| 6    | 138975 | 2    | Ingranaggio Z29            | Gear Z29               |        |      |
| 7    | 025067 | 2    | Anello arresto             | Lockring               |        |      |
| 8    | 135020 | 2    | Anello arresto disco friz. | Clutch plate lockring  |        |      |
| 9    | 138986 | 3    | Ralla 60x50x4              | Thrust washer 60x50x4  |        |      |
| 10   | 133924 | 14   | Controdisco frizione       | Clutch drive plate     |        |      |
| 11   | 133972 | 12   | Disco frizione             | Clutch plate           |        |      |
| 12   | 139351 | 2    | Molla                      | Spring                 |        |      |
| 13   | 133912 | 2    | Coperchio fermo molla      | Lock-spring cover      |        |      |
| 14   | 025031 | 2    | Anello arresto             | Lockring               |        |      |
| 15   | 138984 | 2    | Manicotto frizione         | Clutch sleeve          |        |      |
| 16   | 138983 | 2    | Pistone com. frizione      | Clutch piston          |        |      |
| 17   | 139199 | 2    | Anello tenuta              | Seal ring              |        |      |
| 18   | 139198 | 2    | Anello tenuta D55          | Seal ring D55          |        |      |
| 19   | 068354 | 1    | Kit Albero entrata         | Inner shaft Kit        |        |      |
| 20   | 138974 | 1    | Ingranaggio Z29            | Gear Z29               |        |      |
| 21   | 024321 | 2    | Spina elast.D3x8           | Split pin D3x8         |        |      |
| 22   | 025811 | 1    | Cuscinetto                 | Bearing                |        |      |
| 23   | 023835 | 4    | Rivetto D6x5,84            | Rivet D6x5,84          | 068354 |      |
| 24   | 142858 | 4    | Anello Ten.Rotante D50     | Seal ring D50          |        |      |
| 25   | 024805 | 1    | Anello seeger D50          | Snap ring D50          |        |      |
| 26   | 024785 | 1    | Anello seeger D30          | Snap ring D30          |        |      |
| 27   | 025735 | 1    | Cuscinetto                 | Bearing                |        |      |
| 28   | 138383 | 1    | Albero trasmissione PTO    | PTO transmission shaft |        |      |
|      |        |      |                            |                        |        |      |
|      |        |      |                            |                        |        |      |
|      |        |      |                            |                        |        |      |
|      |        |      |                            |                        |        |      |

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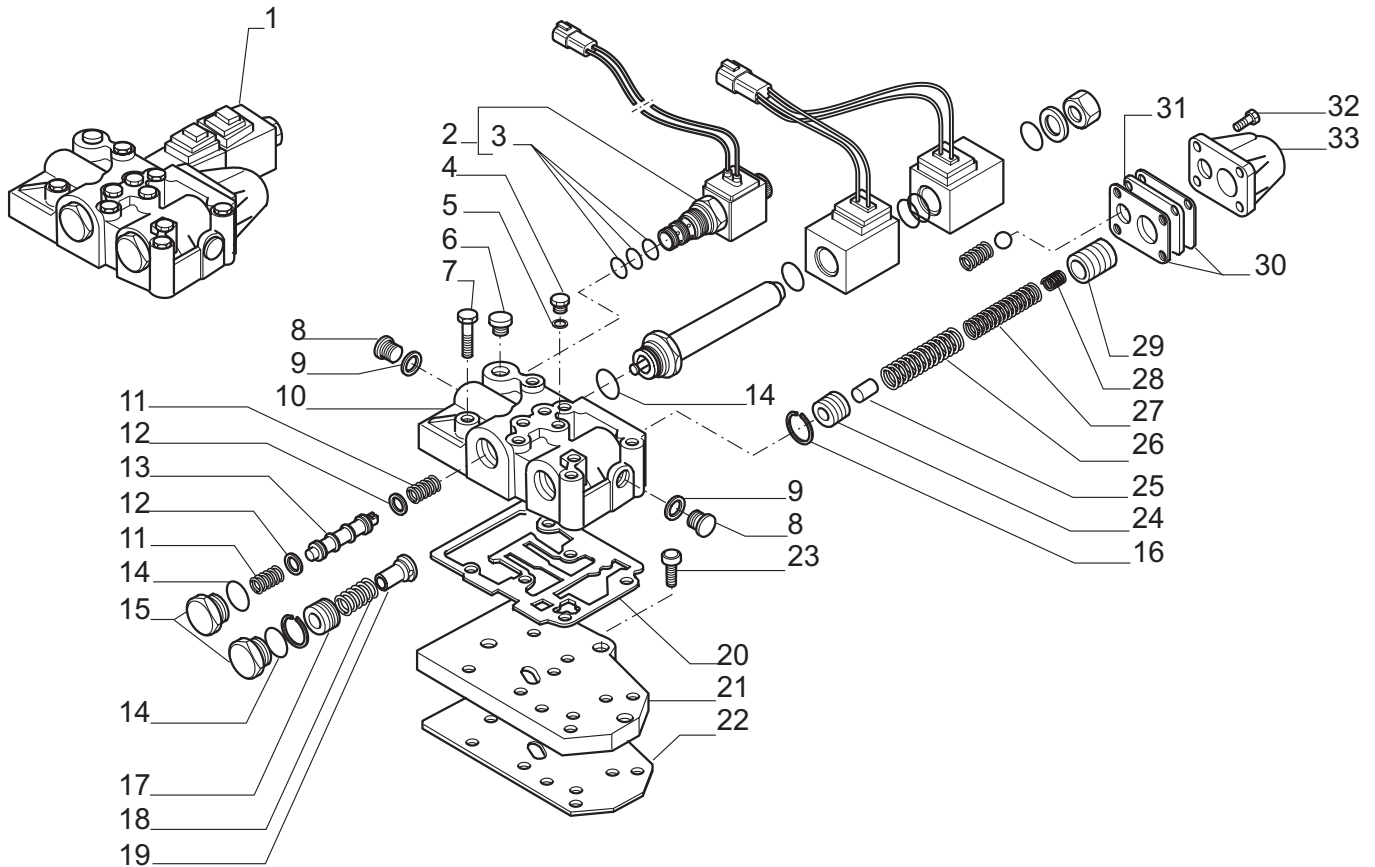


| Pos. | Ref.   | Q.ty | Descrizione            | Description           | Kit    | Note |
|------|--------|------|------------------------|-----------------------|--------|------|
| 1    | 145134 | 1    | Ingranaggio Z=44       | Gear Z=44             |        |      |
| 2    | 139010 | 1    | Ralla                  | Thrust washer         |        |      |
| 3    | 132813 | -    | Spessore 0.05mm        | Shim 0.05mm           |        |      |
| 3    | 132814 | -    | Spessore 0.10mm        | Shim 0.10mm           |        |      |
| 3    | 132815 | -    | Spessore 0.30mm        | Shim 0.30mm           |        |      |
| 3    | 133360 | -    | Spessore 0.50mm        | Shim 0.50mm           |        |      |
| 4    | 025053 | 1    | Anello d'arresto D.40  | Lock ring D.40        |        |      |
| 5    | 027554 | 1    | Cuscinetto             | Bearing               |        |      |
| 6    | 132867 | 2    | Distanziale            | Spacer                |        |      |
| 7    | 046308 | 2    | Anello frizione conico | Tapered friction ring | 132637 |      |
| 8    | 046305 | 2    | Anello sincronizzatore | Synchronizing ring    | 132637 |      |
| 9    | 046303 | 3    | Molla                  | Spring                | 132637 |      |
| 10   | 046304 | 1    | Mozzo                  | Hub                   | 132637 |      |
| 11   | 046306 | 2    | Anello sinterizzato    | Sintered ring         | 132637 |      |
| 12   | 046307 | 2    | Anello d'acciaio       | Steel ring            | 132637 |      |
| 13   | 046302 | 3    | Placchetta fermo molla | Lock-spring plate     | 132637 |      |
| 14   | 046301 | 3    | Sfera                  | Ball                  | 132637 |      |
| 15   | 046300 | 1    | Manicotto scorrevole   | Sleeve                | 132637 |      |
| 16   | 132637 | 1    | Kit sincronizzatore    | Synchronizing kit     |        |      |
| 17   | 145133 | 1    | Ingranaggio Z=50       | Gear Z=50             |        |      |
| 18   | 138970 | 1    | Ingranaggio Z=23       | Gear Z=23             |        |      |
| 19   | 139019 | 1    | Albero secondario      | Secondary shaft       |        |      |
| 20   | 024321 | 1    | Spina elastica D3x8    | Split pin D3x8        |        |      |
| 21   | 046379 | 2    | Anello d'innesto       | Clutch ring           | 140570 |      |
| 22   | 046378 | 1    | Mozzo                  | Hub                   | 140570 |      |
| 23   | 046380 | 2    | Anello frizione conico | Tapered friction ring | 140570 |      |
| 24   | 046326 | 3    | Tassello fermo molla   | Lock-spring plate     | 140570 |      |
| 25   | 046376 | 3    | Perno                  | Pin                   | 140570 |      |
| 26   | 046377 | 3    | Molla                  | Spring                | 140570 |      |
| 27   | 046375 | 1    | Manicotto scorrevole   | Sleeve                | 140570 |      |
| 28   | 140570 | 1    | Kit sincronizzatore    | Synchronizing kit     |        |      |
| 29   | 123918 | 1    | Vite M12x25            | Bolt M12x25           |        |      |
| 30   | 129924 | 1    | Rondella               | Washer                |        |      |

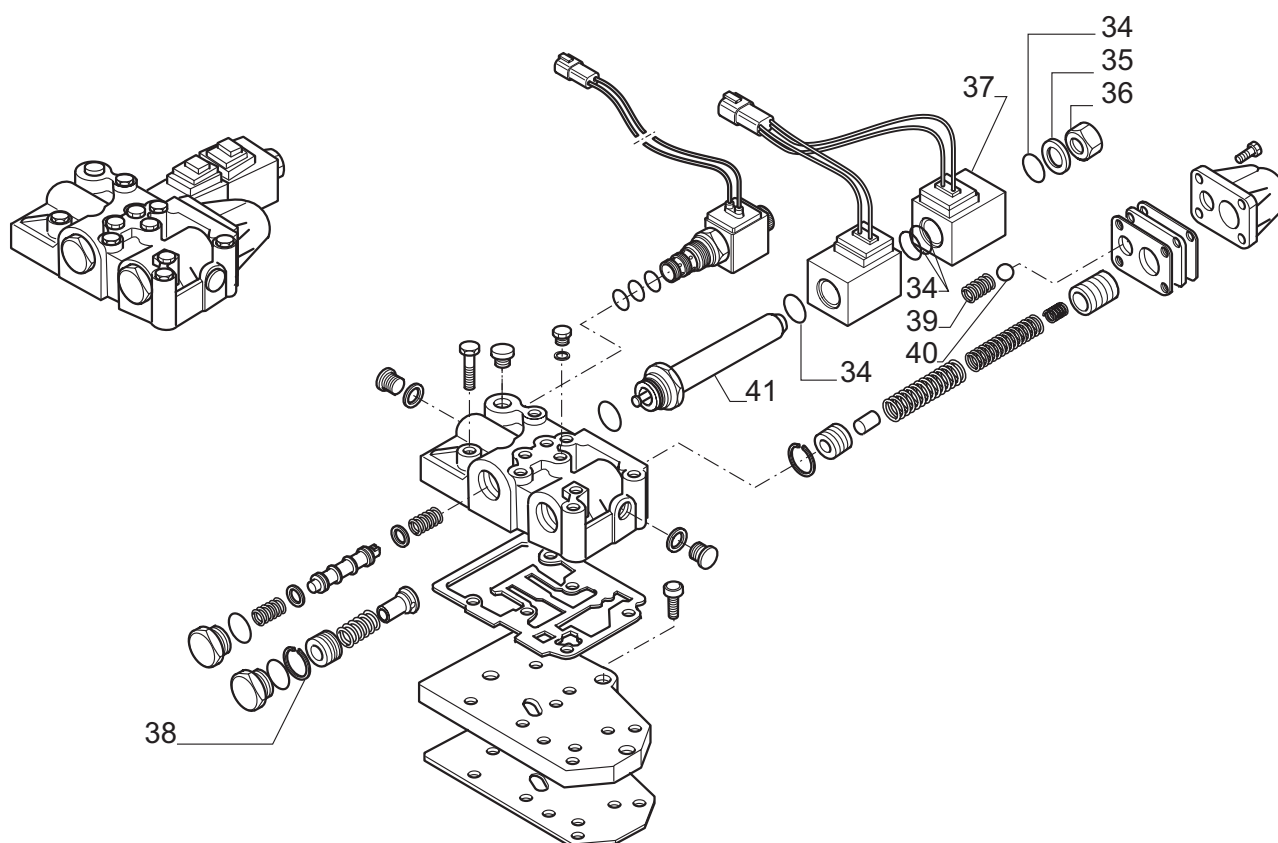


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| Pos. | Ref.   | Q.ty | Descrizione           | Description      | Kit    | Note |
|------|--------|------|-----------------------|------------------|--------|------|
| 1    | 146353 | 1    | Distributore          | Distributor      |        |      |
| 2    | 146640 | 1    | Elettrovalvola        | Electro-valve    | 146353 |      |
| 3    | 049677 | 1    | Kit anelli OR         | O.ring kit       | 146640 |      |
| 4    | 021322 | 4    | Tappo                 | Plug             | 146353 |      |
| 5    | 023260 | 4    | Rondella rame         | Copper washer    | 146353 |      |
| 6    | 030720 | 1    | Tappo                 | Plug             |        |      |
| 7    | 020807 | 6    | Vite M8x80            | Bolt M8x80       |        |      |
| 8    | 021581 | 2    | Tappo                 | Plug             | 146353 |      |
| 9    | 023286 | 2    | Rondella rame         | Copper washer    | 146353 |      |
| 10   | 140246 | 1    | Corpo distributore    | Distributor body | 146353 |      |
| 11   | 139863 | 2    | Molla                 | Spring           | 146353 |      |
| 12   | 132914 | 2    | Rondella              | Washer           | 146353 |      |
| 13   | 139861 | 1    | Pistone               | Piston           | 146353 |      |
| 14   | 028129 | 3    | Anello OR             | O.ring           | 146353 |      |
| 15   | 132922 | 2    | Tappo M26x1.5         | Plug M26x1.5     | 146353 |      |
| 16   | 141973 | 1    | Anello                | Ring             | 146353 |      |
| 17   | 132917 | 1    | Pistone               | Piston           | 146353 |      |
| 18   | 132927 | 1    | Molla                 | Spring           | 146353 |      |
| 19   | 132915 | 1    | Bussola               | Bush             | 146353 |      |
| 20   | 130242 | 1    | Guarnizione           | Gasket           |        |      |
| 21   | 131328 | 1    | Piastra distribuzione | Feeding plate    |        |      |
| 22   | 131329 | 1    | Guarnizione           | Gasket           |        |      |
| 23   | 021391 | 3    | Vite M8x20            | Bolt M8x20       |        |      |
| 24   | 132670 | 1    | Pistone interno       | Inward piston    | 146353 |      |
| 25   | 134086 | 1    | Spina D8x27           | Pin D8x27        | 146353 |      |
| 26   | 134089 | 1    | Molla                 | Spring           | 146353 |      |
| 27   | 134075 | 1    | Molla                 | Spring           | 146353 |      |
| 28   | 134074 | 1    | Molla                 | Spring           | 146353 |      |
| 29   | 134084 | 1    | Pistone esterno       | Outward piston   | 146353 |      |
| 30   | 132919 | 2    | Guarnizione piastrina | Plate gasket     | 146353 |      |
| 31   | 134085 | 1    | Piastrina             | Plate            | 146353 |      |
| 32   | 021373 | 4    | Vite M6x20            | Bolt M6x20       | 146353 |      |
| 33   | 132912 | 1    | Coperchio valvola     | Valve cover      | 146353 |      |

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| Kit    | Ref.   | Descrizione            | Description           | Q.ty | Note |
|--------|--------|------------------------|-----------------------|------|------|
| 146305 | -      | Assieme pompa          | Pump assembly         | -    |      |
| -      | -      | Pompa                  | Pump                  | 1    |      |
| -      | 131257 | Anello tenuta          | Oil seal              | 1    |      |
| -      | 028561 | Anello OR              | O.ring                | 1    |      |
| 132637 | -      | Kit sincronizzatore    | Synchronizing kit     | -    |      |
|        | 046308 | Anello frizione conico | Tapered friction ring | 2    |      |
|        | 046305 | Anello sincronizzatore | Synchronizing ring    | 2    |      |
|        | 046303 | Molla                  | Spring                | 3    |      |
|        | 046304 | Mozzo                  | Hub                   | 1    |      |
|        | 046306 | Anello sinterizzato    | Sintered ring         | 2    |      |
|        | 046307 | Anello d'acciaio       | Steel ring            | 2    |      |
|        | 046302 | Placchetta fermo molla | Lock-spring plate     | 3    |      |
|        | 046301 | Sfera                  | Ball                  | 3    |      |
|        | 046300 | Manicotto scorrevole   | Sleeve                | 1    |      |
| 140570 | -      | Kit sincronizzatore    | Synchronizing kit     | -    |      |
| -      | 046379 | Anello d'innesto       | Clutch ring           | 2    |      |
| -      | 046378 | Mozzo                  | Hub                   | 1    |      |
| -      | 046380 | Anello frizione conico | Tapered friction ring | 2    |      |
| -      | 046326 | Tassello fermo molla   | Lock-spring plate     | 3    |      |
| -      | 046376 | Perno                  | Pin                   | 3    |      |
| -      | 046377 | Molla                  | Spring                | 3    |      |
| -      | 046375 | Manicotto scorrevole   | Sleeve                | 1    |      |
| 146353 | -      | Distributore           | Distributor           | -    |      |
| -      | 146640 | Elettrovalvola         | Electro-valve         | 1    |      |
| -      | 021322 | Tappo                  | Plug                  | 4    |      |
| -      | 023260 | Rondella rame          | Copper washer         | 4    |      |
| -      | 021581 | Tappo                  | Plug                  | 2    |      |
| -      | 023286 | Rondella rame          | Copper washer         | 2    |      |
| -      | 140246 | Corpo distributore     | Control valve body    | 1    |      |
| -      | 139863 | Molla                  | Spring                | 2    |      |
| -      | 132914 | Rondella               | Washer                | 2    |      |
| -      | 139861 | Pistone                | Piston                | 1    |      |
| -      | 028129 | Anello OR              | O.ring                | 3    |      |
| -      | 132922 | Tappo M26x1.5          | Plug M26x1.5          | 2    |      |
| -      | 141973 | Anello                 | Ring                  | 1    |      |
| -      | 132917 | Pistone                | Piston                | 1    |      |
| -      | 132927 | Molla                  | Spring                | 1    |      |
| -      | 132915 | Bussola                | Bush                  | 1    |      |
| -      | 132670 | Pistone interno        | Inward piston         | 1    |      |
| -      | 134086 | Spina D8x27            | Pin D8x27             | 1    |      |
| -      | 134089 | Molla                  | Spring                | 1    |      |
| -      | 134075 | Molla                  | Spring                | 1    |      |
| -      | 134074 | Molla                  | Spring                | 1    |      |
| -      | 134084 | Pistone esterno        | Outward piston        | 1    |      |
| -      | 132919 | Guarnizione piastrina  | Plate gasket          | 2    |      |
| -      | 134085 | Piastrina              | Plate                 | 1    |      |
| -      | 021373 | Vite M6x20             | Bolt M6x20            | 4    |      |
| -      | 132912 | Coperchio valvola      | Valve cover           | 1    |      |
| -      | 028114 | Anello OR              | O.ring                | 4    |      |
| -      | 133040 | Rondella               | Washer                | 1    |      |
| -      | 133039 | Tappo                  | Plug                  | 1    |      |
| -      | 146635 | Bobina elettrovalvola  | Electr-valve coil     | 2    |      |
| -      | 024898 | Seeger                 | Snap ring             | 1    |      |
| -      | 132928 | Molla                  | Spring                | 1    |      |
| -      | 041635 | Sfera                  | Ball                  | 1    |      |
| -      | 134125 | Tubo per solenoide     | Solenoid pipe         | 1    |      |
| 146640 | -      | Elettrovalvola         | Electro-valve         | -    |      |
| -      | 049677 | Kit anelli OR          | O.ring kit            | 1    |      |
| 068354 | -      | Kit albero             | Shaft kit             | -    |      |
| -      | -      | Albero                 | Shaft                 | 1    |      |
| -      | 023835 | Rivetto                | Rivet                 | 4    |      |