

Modification instructions

P 17 Gear motor



Item No.: 00300-2-174 Replacement kit P17 for gear motor:

- | | | |
|---------------------------|--|--------|
| • Item no.: 00600-3-386 | Motor DC M80M+NM030 25-1 | 1 pc. |
| • Item no.: 04011-2-039 | Bearing flange motor2 mounted1 | 1 pc. |
| • Item no.: 04011-5-317 | Motor bracket P16 RAL3020 | 1 pc. |
| • Item no.: 00604-3-680 | Routing cable clamp | 1 pc. |
| • Item no.: BN41200-M6x12 | Hexagon bolt with flange | 8 pcs. |
| • Item no.: 00600-3-358 | Sticker for connection diagram PS MX 3 | 1 pc. |

Version: 04/2016, V1.0

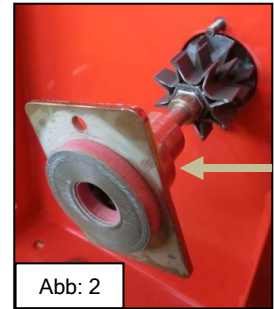


Order no.: 00600-3-933

The conversion must be performed as follows:

1 Dismounting the seeding shaft

- ✓ Loosen the knurled nut and remove bearing flange (Fig.: 1).
- ✓ Turn the bearing flange around, onto the seeding shaft and pull out seeding shaft (Fig.: 2).

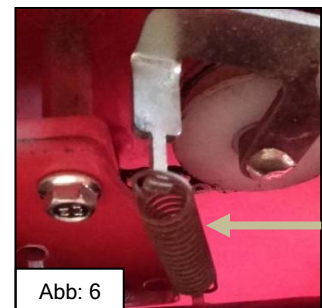
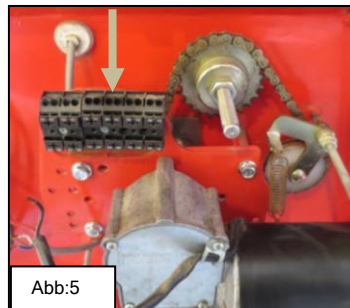
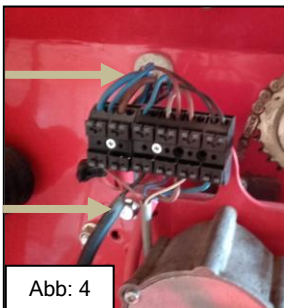


2 Dismounting the gear motor cover

- ✓ Loosen the fixing bolts and remove the gear motor cover (Fig.: 3).

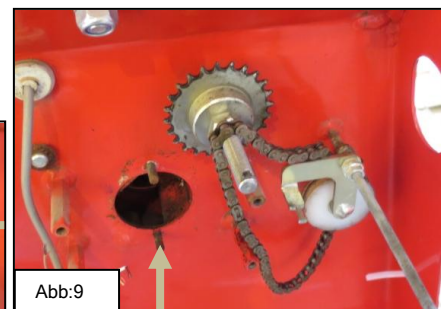
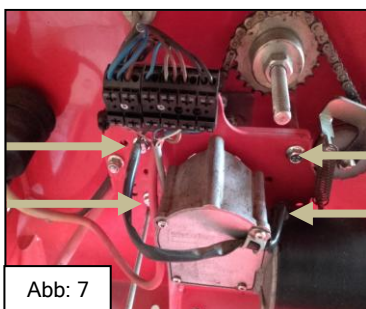


3 Disconnecting the implement cable and dismantling the terminal blocks



- ✓ Disconnect all of the cables from the terminal block (Fig.: 4).
- ✓ Dismount the terminal block from the motor bracket (Fig.: 5).
- ✓ Remove the spring from the chain tensioner (Fig.: 6).

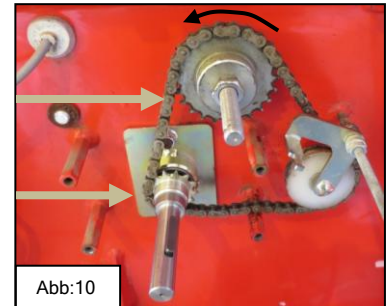
4 Dismounting the gear motor and bearing flange



- ✓ Loosen the bolts on the motor bracket and then remove the motor bracket along with the spacer plate and gear motor (Fig.: 7).
- ✓ Remove the chain for the agitator drive (Fig.: 8).
- ✓ Loosen the bolts for the bearing flange and dismount the bearing flange (Fig.: 9).

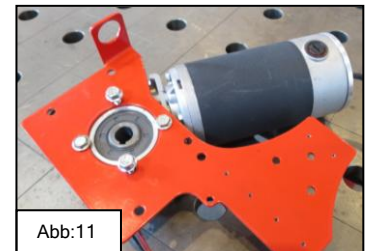
5 Mounting the bearing flange motor2 mounted1 04011-2-039

- ✓ Mount the bearing flange motor2 mounted1 on the steel frame and fasten with the existing nuts. Then fit the chain onto the chain wheels and the tension pulley (Fig.: 10).



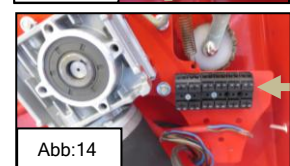
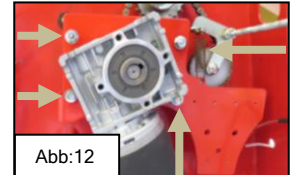
6 Mounting the DC motor M80M+NM030 25-1 00600-3-386

- ✓ Install the DC motor M80M+NM030 25-1 on the motor bracket and fasten with the supplied bolts (Fig.: 11).



7 Mounting the motor bracket P16 RAL3020 04011-5-317

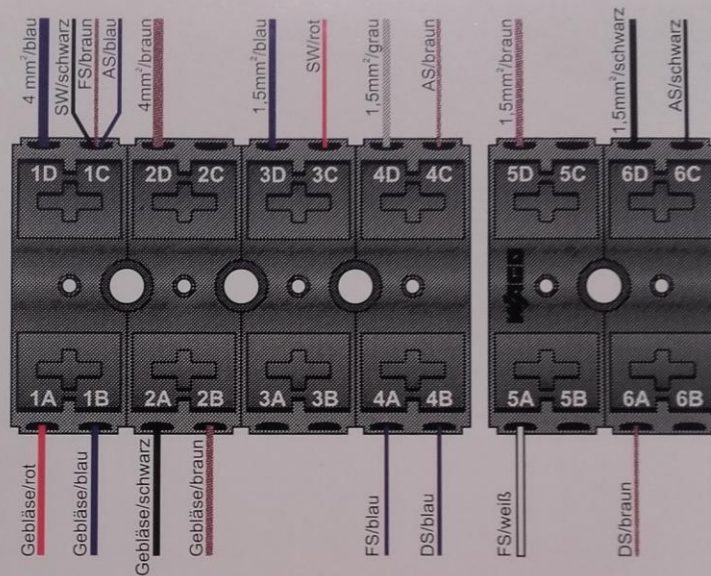
- ✓ Install the motor bracket P16 along with the DC motor M80M onto the steel frame and fasten with the supplied bolts (Fig.: 12).
- ✓ Hook on the spring from the chain tensioner (Fig.: 12).
- ✓ Route the implement cable with the routing cable clamp through the intended opening and fasten (Fig.: 13).
- ✓ Bolt the terminal blocks onto the motor bracket (Fig.: 14).
- ✓ Connect all of the cables to the terminal block - make the connections exactly according to the supplied connection diagram (Fig.: 15).
- ✓ Check the direction of rotation of the seeding shaft on the chain drive (Fig.: 10) - if necessary, turn around the connection for the gear motor (Fig.: 15).



8 Mounting the gear motor cover

- ✓ Put the gear motor cover back on and fasten with the existing bolts (Fig.: 4).

Abb: 15



Geräte kabel PS MX 3 (Machine cable PS MX 3)	Getriebemotor [SW] (Sowing shaft motor)	Gebläsemotor [Gebläse] (Fan)	Druckschalter [DS] (Pressure switch)	Füllstandsensor [FS] (Hopper level sensor)	Abdrehschalter [AS] (Calibration button)
4mm ² / Blau (blue)	1,5mm ² / Schwarz (black)	2,5mm ² / Rot (red) Blau (blue)		0,75mm ² / Braun (brown)	0,75mm ² / Blau (blue)
4mm ² / Braun (brown)		2,5mm ² / Schwarz (black) Braun (brown)			
1,5mm ² / Blau (blue)	1,5mm ² / Rot (red)				
1,5mm ² / Braun (brown)				0,75mm ² / Weiß (white)	
1,5mm ² / Schwarz (black)			1,5mm ² / Braun (brown)		0,75mm ² / Schwarz (black)
1,5mm ² / Grau (grey)			1,5mm ² / Blau (blue)	0,75mm ² / Blau (blue)	0,75mm ² / Braun (brown)

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