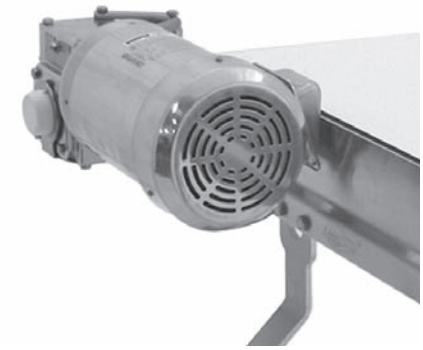
7600 Series and 7600 Ultimate Series End Drive Packages

Installation, Maintenance and Parts Manual



Horizontal Mount

Vertical Mount

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For other service manuals visit our website at:
www.dorner.com/service_manuals.asp

851-667 Rev. A

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Introduction

⚠ CAUTION

Some illustrations may show guards removed. DO NOT operate equipment without guards.

Upon receipt of shipment:

- Compare shipment with packing slip. Contact factory regarding discrepancies.
- Inspect packages for shipping damage. Contact carrier regarding damage. Accessories may be shipped loose.
- See accessory instructions for installation.

The Dorner Limited Warranty applies.

Dorner 7600 series conveyors are covered by Patent Numbers 7,246,697, 7,207,435, 7,549,531 B2, 7,681,719 B2, 7,383,944, 8,042,682 B2 and corresponding patents and patent applications in other countries.

Dorner reserves the right to make changes at any time without notice or obligation.

Dorner has convenient, pre-configured kits of Key Service Parts for all conveyor products. These time saving kits are easy to order, designed for fast installation and guarantee you will have what you need when you need it. Key Parts and Kits are marked in the Service Parts section of this manual with the Performance Parts Kits logo .

Intralox is a registered trademark of Laitram L.L.C. in the United States and / or other countries.

⚠ DANGER

SEVERE HAZARD!

KEEP OFF CONVEYORS. Climbing, sitting, walking or riding on conveyor will result in death or serious injury.

⚠ DANGER

EXPLOSION HAZARD!

- **DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT. The electric gearmotor generates heat and could ignite combustible vapors.**
- **Failure to comply will result in death or serious injury.**

⚠ WARNING

CRUSH HAZARD!

- **DO NOT place hands or fingers inside the conveyor while it is running.**
- **DO NOT wear loose garments while operating the conveyor. Loose garments can become caught up in the conveyor.**
- **Failure to comply could result in serious injury.**

⚠ WARNING

CRUSH HAZARD!

- **SUPPORT MOTOR PRIOR TO LOOSENING THE BOLTS.**
- **Loosening motor bolts may cause it to drop down, causing serious injury.**

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

BURN HAZARD!

DO NOT TOUCH the motor while operating or shortly after being turned off. Motors may be HOT and can cause serious burn injuries.

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

⚠ WARNING

SEVERE HAZARD!

- **Dorner cannot control the physical installation and application of conveyors. Taking protective measures is the responsibility of the user.**
- **When conveyors are used in conjunction with other equipment or as part of a multiple conveyor system, CHECK FOR POTENTIAL PINCH POINTS and other mechanical hazards before system start-up.**
- **Failure to comply could result in serious injury.**

Product Description

Refer to Figure 1 for typical gearmotor assembly components (vertical drive shown).

1	Conveyor
2	Mounting bar
3	Motor
4	Gear reducer
5	Gear reducer mounting bracket

NOTE

The vertical drive package is shown above, but the horizontal and nose bar drive packages contain similar components.

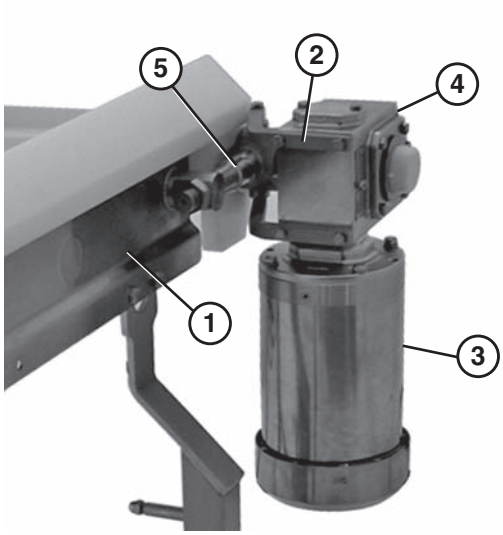
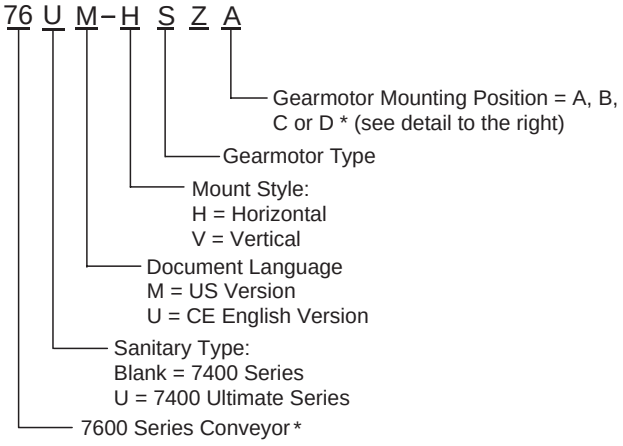
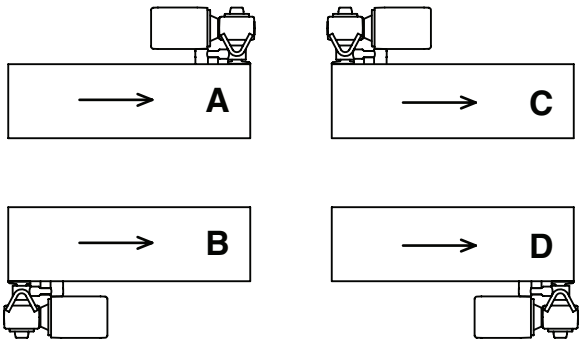


Figure 1

Specifications

7600 Series Gearmotor Mounting Package Models





* Refer to “Ordering and Specifications” Catalog for details.

US Version 7600 Series Gearmotor Specifications

	Singe Phase	Three Phase
Output Power	0.50 hp (0.37 kW)	0.50 hp (.37 kW) /1 hp (.74 KW) / 1.5 hp (1.11 kW)
Input Voltage	115 V A.C.	208 - 230 / 460 V.A.C.
Input Frequency	60 Hz	6 – 60 Hz
Motor RPM	22 - 44	22 - 233
Gearmotor Ratios	5:1, 7:1, 10:1, 15:1, 20:1, 30:1, 40:1, 60:1, 80:1	
Frame Size	NEMA 56 C	
Motor Type	Totally Enclosed, Non-ventilated (Except 1.5 hp Stainless Steel Gearmotor = Totally Enclosed, Fan Cooled)	

* Refer to “Ordering and Specifications” Catalog for details.

CE Version 7600 Series Gearmotor Specifications

	Three Phase
Output Power	(.37 kW) / (.74 kW) / (1.11 kW) / (1.49kW)
Input Voltage	230 / 400 V.A.C.
Input Frequency	50 Hz
Motor RPM	See Below
Gearmotor Ratios	5:1, 7:1, 10:1, 15:1, 25:1, 30:1, 60:1
Frame Size	IEC
Motor Type	Totally Enclosed, Fan Cooled

* Refer to “Ordering and Specifications” Catalog for details.

US Version Fixed Speed Gearmotor

Part Number	ft / min	m / min	RPM	in • lb	N • m
74M080H(x)4(vp)FN	20	6.1	22	356	40.2
74M060H(x)4(vp)FN	27	8.2	29	442	49.9
74M040H(x)4(vp)FN	41	12.5	44	486	54.9
74M030H(x)4(vp)FN	54	16.5	58	487	55.0
74M020H(x)4(vp)FN	81	24.7	87	407	46.0
74M015H(x)4(vp)FN	109	33.2	117	470	53.1
74M010H(x)4(vp)FN	164	50.0	175	442	49.9
74M007H(x)4(vp)FN	218	66.4	233	360	40.7
74M005H(x)4(vp)FN	325	100.0	350	337	38.1

Specifications

CE Version Fixed Speed Gearmotor

Part Number	7600 Series m / min	7600 Ultimate Series m / min	RPM @50 Hz	N • m	Output Power	Input Voltage	Input Frequency	Gearmotor Ratios	Motor Type
74U060HS423FN	6.4	7.0	23	80.9	0.37 Kw	230 / 400	17-58 Hz	60:1	CE Rated, Painted Gearmotor
74U030HS423FN	12.8	14.0	46	101.9	0.74 Kw	230 / 400	12-80 Hz	30:1	
74U025HS423FN	15.2	16.8	55	93.9	0.74 Kw	230 / 400	12-80 Hz	25:1	
74U015HS423FN	25.9	28.3	93	88.9	1.11 Kw	230 / 400	12-80 Hz	15:1	
74U010HS423FN	39.0	43.0	140	63.9	1.11 Kw	230 / 400	12-72 Hz	10:1	
74U007HS423FN	51.8	57	186	67.0	1.49 Kw	230 / 400	12-75 Hz	7:1	
74U005HS423FN	78.0	85.3	279	46.0	1.49 Kw	230 / 400	25-50 HZ	5:1	

US Version Variable Speed Gearmotor

Part Number	ft / min	m / min	RPM	in • lb	N • m
74M080H(x)4(vp)EN	2 - 20	0.6 - 6.1	22	356	40.2
74M060H(x)4(vp)EN	3 - 27	0.9 - 8.2	29	442	49.9
74M040H(x)4(vp)EN	5 - 41	1.3 - 12.5	44	486	54.9
74M030H(x)4(vp)EN	6 - 54	2.0 - 16.5	58	487	55.0
74M020H(x)4(vp)EN	9 - 81	2.6 - 24.7	87	407	46.0
74M015H(x)4(vp)EN	11 - 109	3.4 - 33.2	117	470	53.1
74M010H(x)4(vp)EN	17 - 164	5.2 - 50.0	175	442	49.9
74M007H(x)4(vp)EN	22 - 218	6.7 - 66.4	233	360	40.7
74M005H(x)4(vp)EN	34 - 328	10.4 - 100.0	350	337	38.1

CE Version Variable Speed Gearmotor

Part Number	7600 Series m / min	7600 Ultimate Series m / min	RPM @50 Hz	N • m	Output Power	Input Voltage	Input Frequency	Gearmotor Ratios	Motor Type
74U060HS423EN	2.2 - 7.3	2.4 - 8.2	23	80.9	0.37 Kw	230 / 400	17-58 Hz	60:1	CE Rated, Painted Gearmotor
74U030HS423EN	3.0 - 20.4	3.4 - 22.6	46	101.9	0.74 Kw	230 / 400	12-80 Hz	30:1	
74U025HS423EN	3.7 - 24.4	4.0 - 26.8	55	93.9	0.74 Kw	230 / 400	12-80 Hz	25:1	
74U015HS423EN	6.1 - 41.5	6.7 - 45.4	93	88.9	1.11 Kw	230 / 400	12-80 Hz	15:1	
74U010HS423EN	9.4 - 56.1	10.4 - 66.9	140	63.9	1.11 Kw	230 / 400	12-72 Hz	10:1	
74U007HS423EN	12.5 - 77.7	13.7 - 85.3	186	67.0	1.49 Kw	230 / 400	12-75 Hz	7:1	
74U005HS423EN	39.0 - 78.0	42.7 - 85.6	279	46.0	1.49 Kw	230 / 400	25-50 HZ	5:1	

NOTE

Contact the factory for details about belt speeds other than those listed.

Required Tools

- 5 / 16" wrench (or adjustable wrench)
- 4 mm hex wrench
- 8 mm hex wrench
- 13 mm open end wrench
- Flat blade screwdriver
- Torque wrench

Drive Package Installation

US Version Horizontal Drive Package

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

Typical Horizontal Drive Package Components (**Figure 2**)

1	Cover
2	Cover bracket
3	Hex head cap screw 5 / 16 - 18 x 0.50 (x4)
4	Gearmotor assembly
5	Gear head mounting bent bars (x2)
6	Horizon drive spacer
7	Motor mounting bracket
8	Hex head cap screw 5 / 16 - 18 x 0.75 (x4)
9	Hex head cap screw 5 / 16 - 18 x 1.12
10	Hex head cap screw 5 / 16 - 18 x 2.50
11	Nut

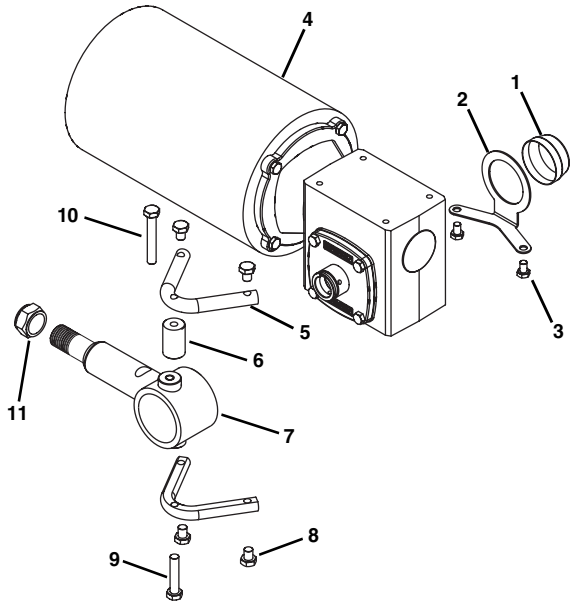


Figure 2

Installation

1. Insert the drive spindle key **(Figure 3, item 1)** into the drive spindle keyway **(Figure 3, item 2)**.

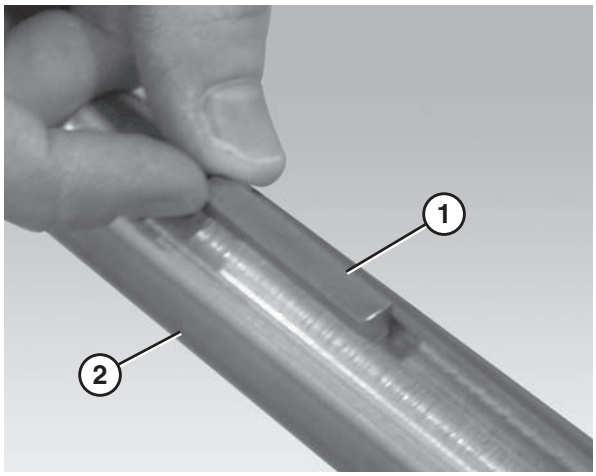


Figure 3

2. Slide the gear reducer **(Figure 4, item 1)** onto the drive spindle **(Figure 4, item 2)**.

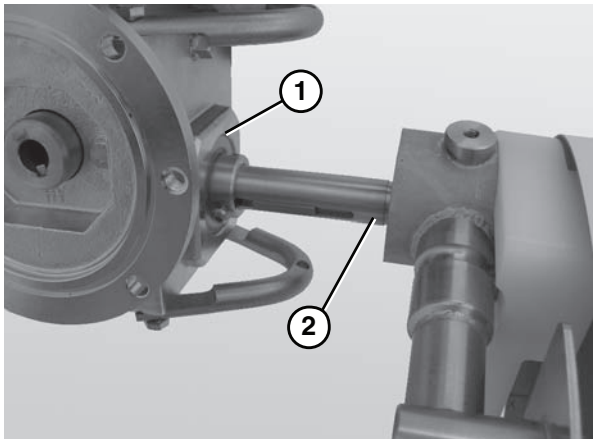


Figure 4

3. Attach the upper gearhead mounting bar **(Figure 5, item 1)** and the horizontal drive spacer **(Figure 5, item 2)** to the motor mounting bracket **(Figure 5, item 3)**.

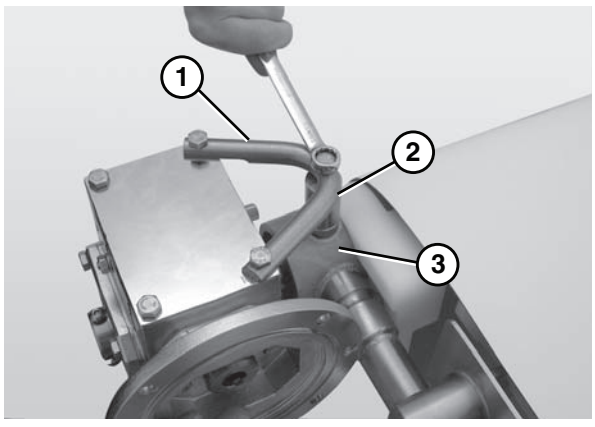


Figure 5

4. Attach the lower gearhead mounting bar **(Figure 6, item 1)** to the motor mounting bracket **(Figure 6, item 2)**.

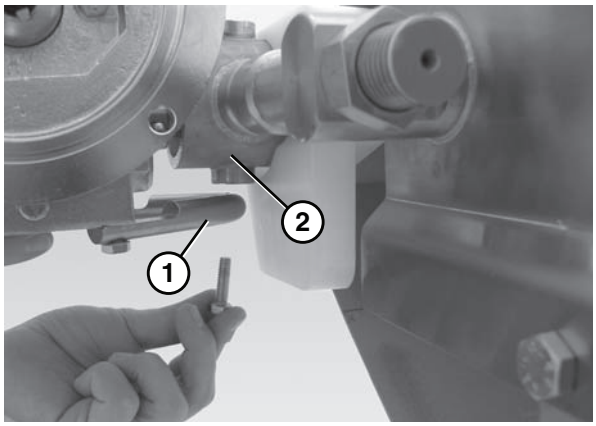


Figure 6

⚠ CAUTION

Ensure the gearmotor output shaft key (Figure 7, item 1) is situated properly before attaching the motor to the gear reducer.

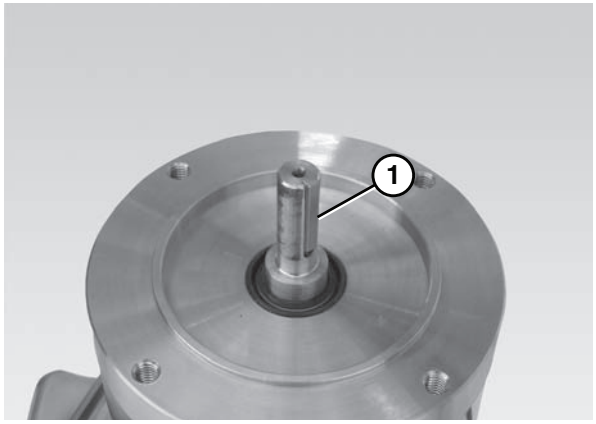


Figure 7

5. Attach the motor **(Figure 8, item 1)** to the gear reducer **(Figure 8, item 1)**.

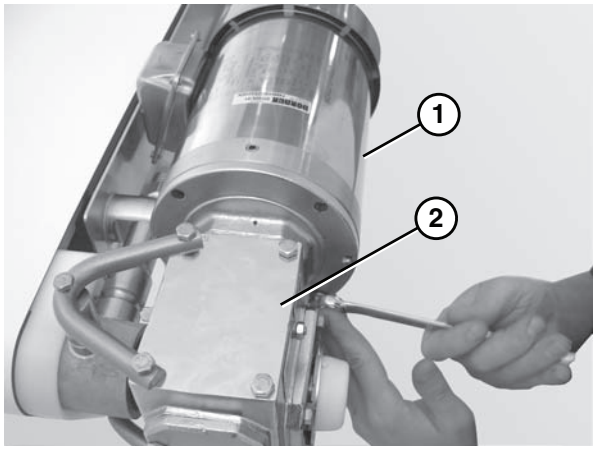


Figure 8

6. Use a 4 mm hex wrench to tighten the outside button head screws **(Figure 9, item 1)** and the inside button head screws **(Figure 9, item 2)** that connect the gearmotor to the drive spindle.

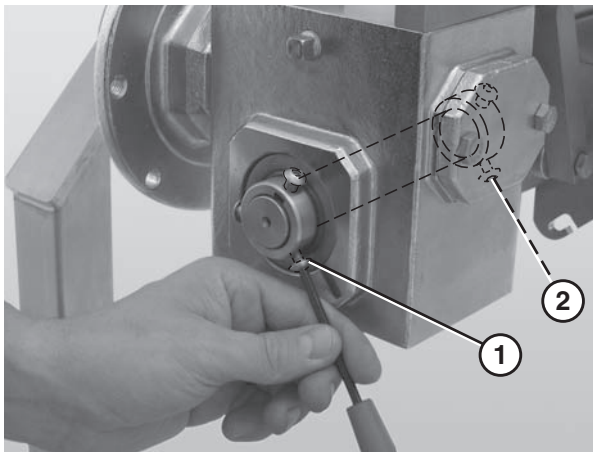


Figure 9

7. Attach the drive spindle cover **(Figure 10, item 1)**.

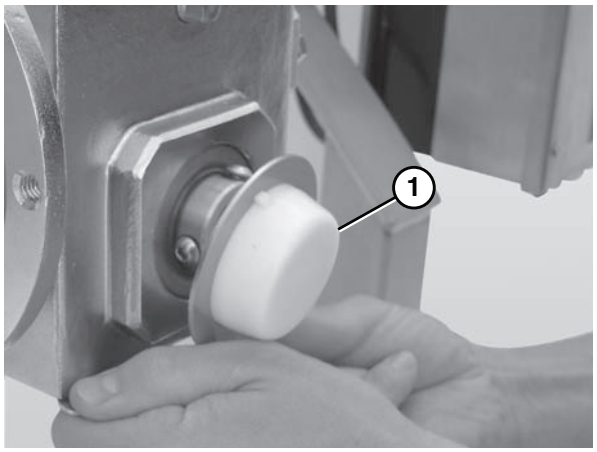


Figure 10

8. Remove the drainage plugs **(Figure 17, item 1)** on the bottom side of the motor.

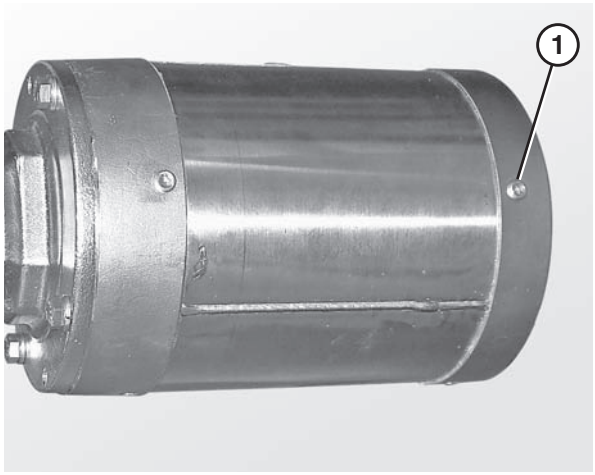


Figure 11

CE Version Horizontal Drive Package

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

Typical Horizontal Drive Package Components **(Figure 12)**

1	Hex Head Cap Screw 5/16-18 x 0.75”
2	Hex Head Cap Screw M8-1.25 x 20 mm
3	Upper Gearhead Mounting Bar
4	Nut (7600 Series Only)
5	Motor Mounting Bracket
6	Upper Mounting Drive Spacer
7	Lower Mounting Drive Spacer
8	Hex Head Cap Screw 5/16-18 x 1.50”
9	Lower Gearhead Mounting Bar
10	Socket Head Screw M10-0.50 x 35 mm
11	Gearmotor Assembly
12	Bore Plug

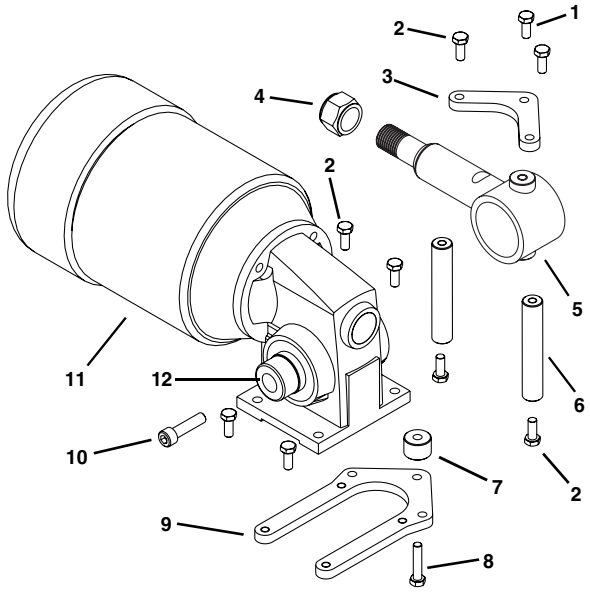


Figure 12

1. Insert the drive spindle key **(Figure 13, item 1)** into the drive spindle keyway **(Figure 13, item 2)**.

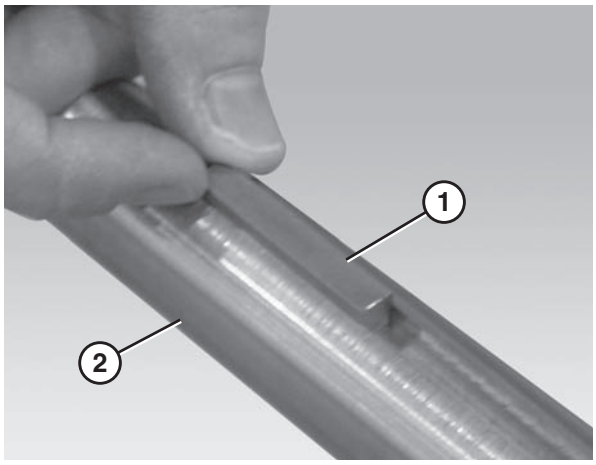


Figure 13

2. Slide the gearmotor assembly **(Figure 14, item 1)** onto the drive spindle **(Figure 14, item 2)**.

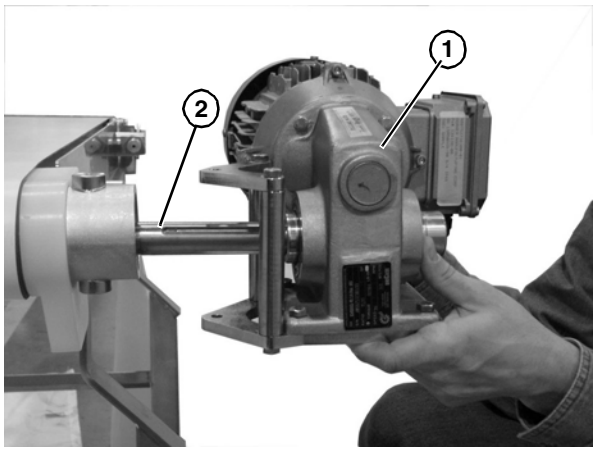


Figure 14

3. Attach the top gearhead mounting bar **(Figure 15, item 1)** to the motor mounting bracket **(Figure 15, item 2)**.

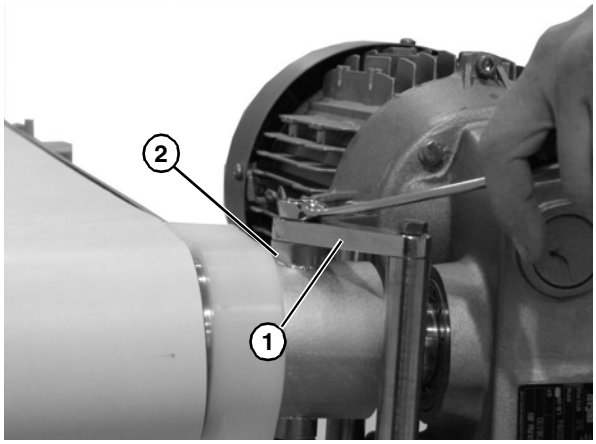


Figure 15

4. Attach the bottom gearhead mounting bar **(Figure 16, item 1)** to the motor mounting bracket **(Figure 16, item 2)** with spacer **(Figure 16, item 3)**.

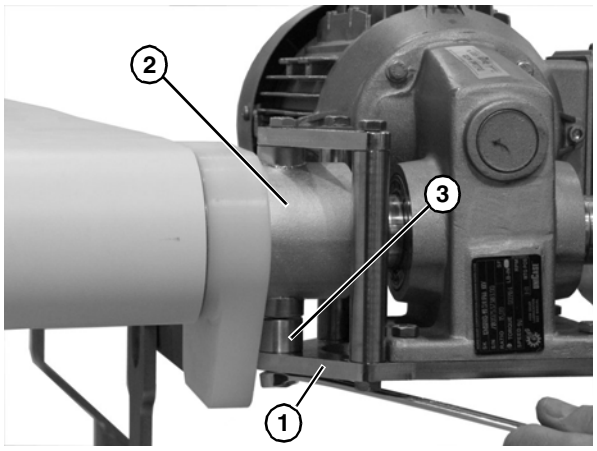


Figure 16

5. Attach the bore plug **(Figure 17, item 1)** and tighten the socket head screw **(Figure 17, item 2)**. Snap cover onto bore plug **(Figure 17, item 1).**

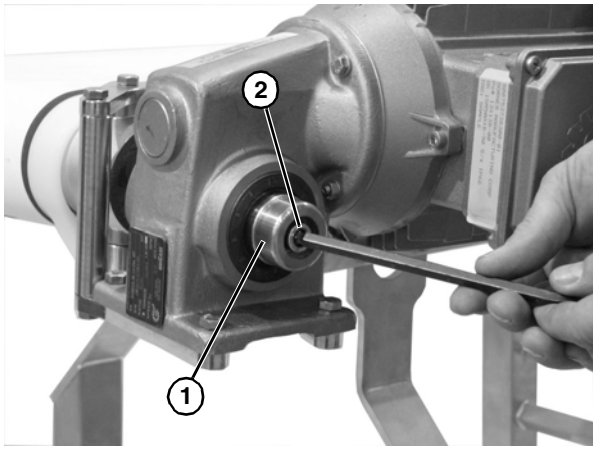


Figure 17

US Version Vertical Drive Package

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

Typical Vertical Drive Package Components **(Figure 18)**

1	Bearing cover
2	Cover bracket
3	Hex head cap screws 5/16 - 18 x 0.50 (x4)
4	Gearmotor assembly
5	Vertical drive bent bar (x2)
6	Hex head cap screws 5/16 - 18 x 1.12 (x4)
7	Motor mounting bracket
8	Nut

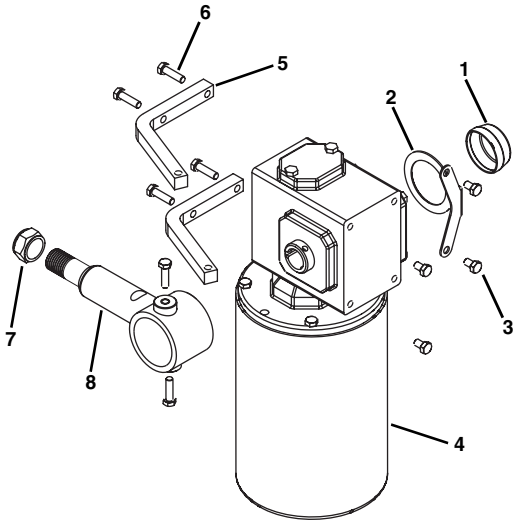


Figure 18

1. Insert the drive spindle key **(Figure 19, item 1)** into the drive spindle keyway **(Figure 19, item 2)**.

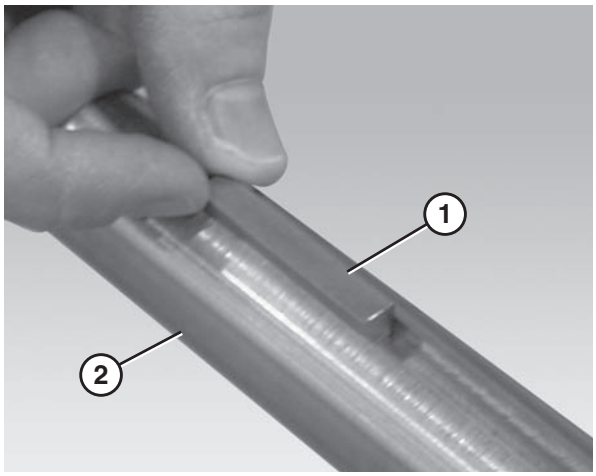


Figure 19

2. Slide the gear reducer **(Figure 20, item 1)** onto the drive spindle **(Figure 20, item 2)**.

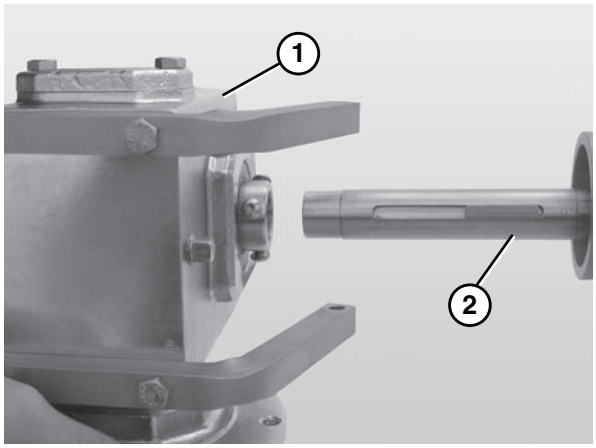


Figure 20

3. Attach the vertical drive bent bars **(Figure 21, item 1)** to the motor mounting bracket **(Figure 21, item 2)**.

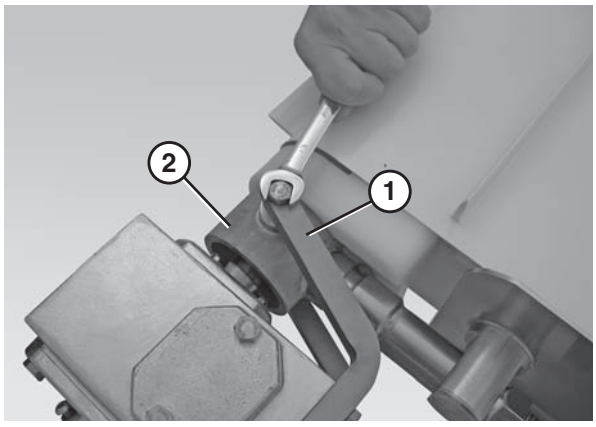


Figure 21

⚠ CAUTION

Ensure the gearmotor output shaft key (Figure 22, item 1) is situated properly before attaching the motor to the gear reducer.

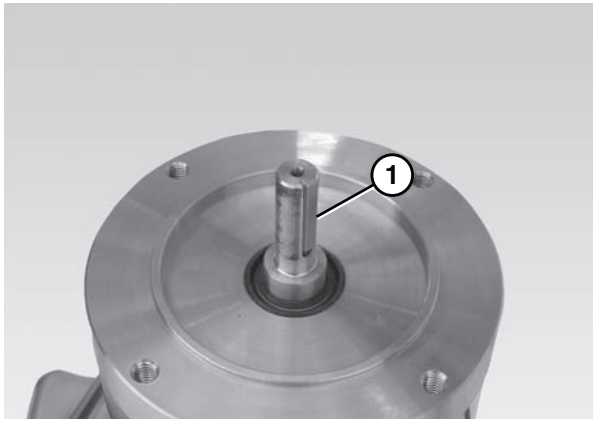


Figure 22

4. Attach the motor **(Figure 23, item 1)** to the gear reducer **(Figure 23, item 2)**.

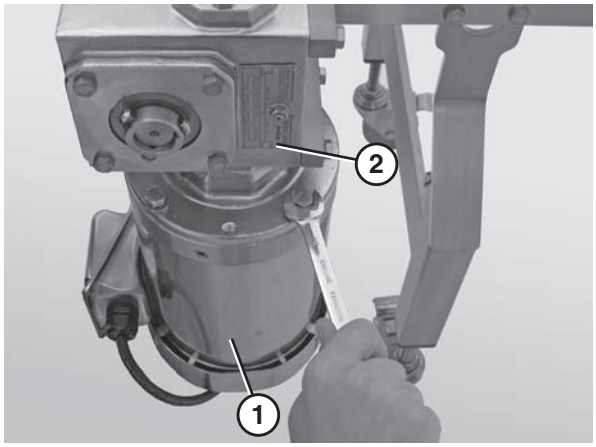


Figure 23

5. Use a 4 mm hex wrench to tighten the outside button head screws **(Figure 24, item 1)** and the inside button head screws **(Figure 24, item 2)** that connect the gearmotor to the drive spindle.

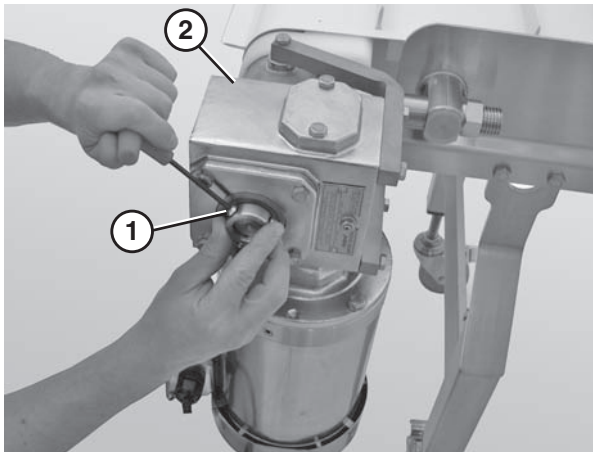


Figure 24

6. Attach the drive spindle cover **(Figure 25, item 1)**.

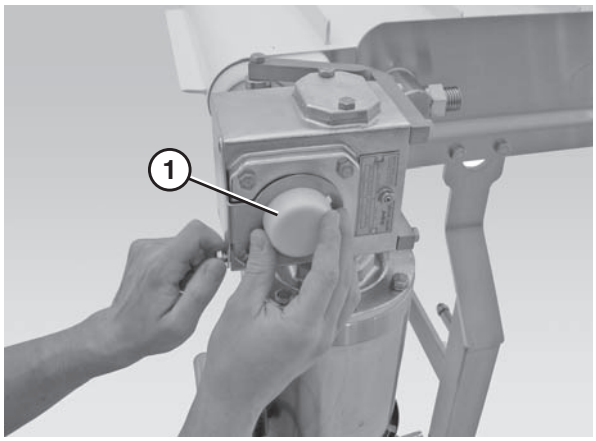


Figure 25

7. Remove the drainage plugs **(Figure 26, item 1)** on the bottom side of the motor.

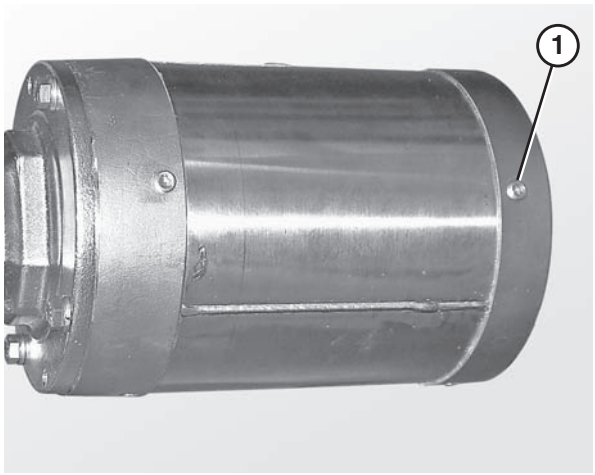


Figure 26

CE Version Vertical Drive Package

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

Typical Vertical Drive Package Components **(Figure 27)**

1	Hex Head Cap Screw, M8-1.25 x 25 mm
2	Nut (7600 Series Only)
3	Hex Head Cap Screw, 5/16-18 x 1.00”
4	Motor Mounting Bracket
5	Vertical Drive Bent Bar Left Hand
6	Vertical Drive Bent Bar Right Hand
7	Gearmotor Assembly
8	Socket Head Screw, M10-0.50 x 35 mm
9	Bore Plug

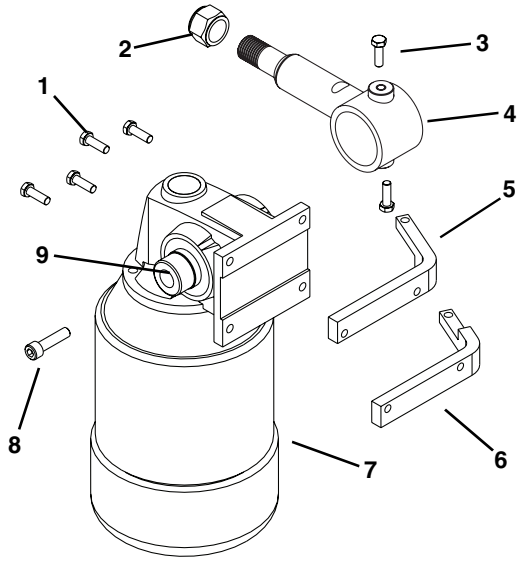


Figure 27

1. Insert the drive spindle key **(Figure 28, item 1)** into the drive spindle keyway **(Figure 28, item 2)**.

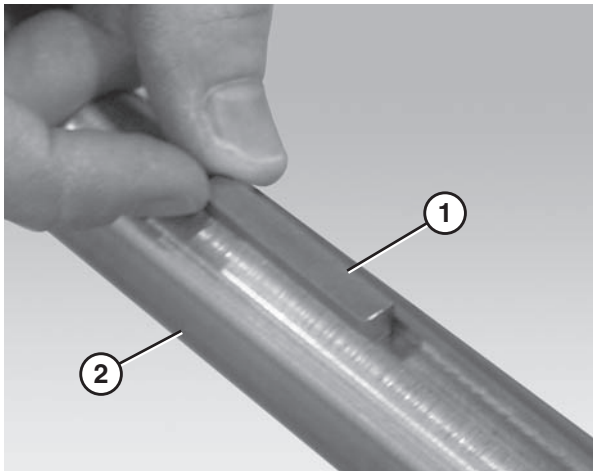


Figure 28

2. Slide the gearmotor assembly **(Figure 29, item 1)** onto the drive spindle **(Figure 29, item 2)**.

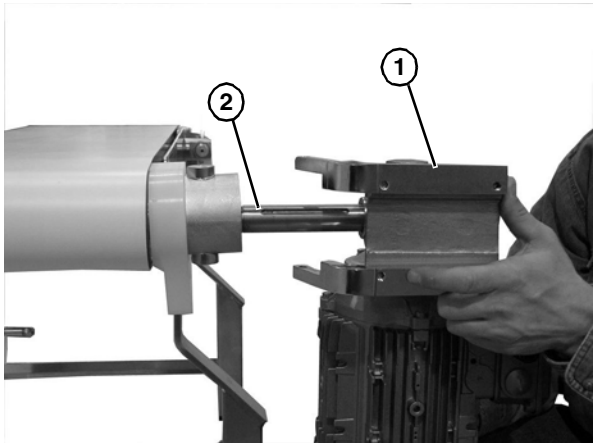


Figure 29

3. Attach the bent bars **(Figure 30, item 1)** to the motor mounting bracket **(Figure 30, item 2)**.

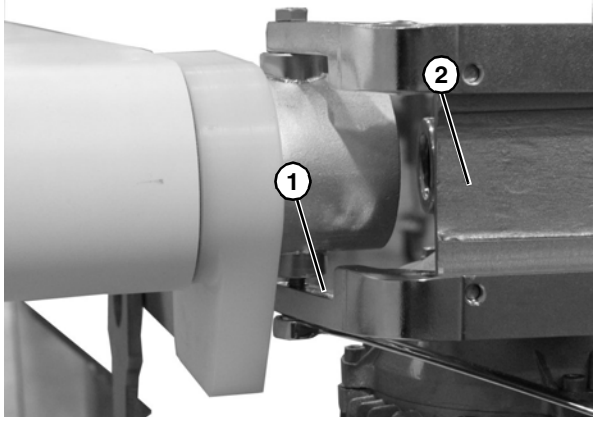


Figure 30

4. Attach the bore plug **(Figure 31, item 1)** and tighten the socket head screw. Snap cover onto bore plug **(Figure 31, item 1)**

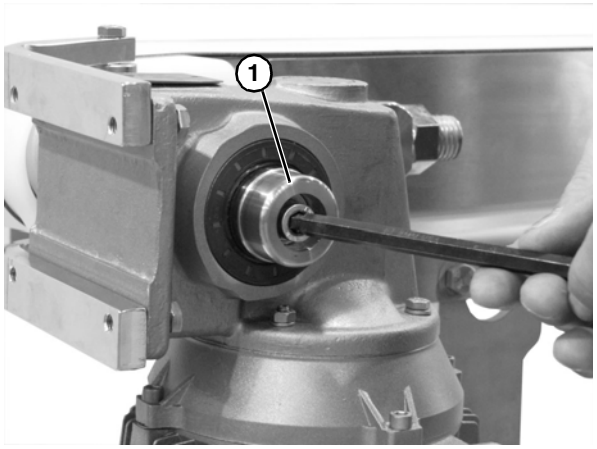


Figure 31

Required Tools

- 5 / 16" wrench
- 4 mm hex wrench
- 8 mm hex wrench
- 13 mm open end wrench
- Large flat-head screwdriver

Checklist

- Keep service parts on hand. Refer to the "Service Parts" section starting on page 22 for recommendations.
- Replace any worn or damaged parts.

US Version Gear Reducer Replacement

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

BURN HAZARD!

DO NOT TOUCH the motor while operating or shortly after being turned off. Motors may be HOT and can cause serious burn injuries.

⚠ WARNING

CRUSH HAZARD!

- **SUPPORT MOTOR PRIOR TO LOOSENING THE BOLTS.**
- **Loosening motor bolts may cause it to drop down, causing serious injury.**

1. Remove the bolts **(Figure 32, item 1)** that connect the motor **(Figure 32, item 2)** to the gear reducer **(Figure 32, item 3)** (vertical drive shown in figures).

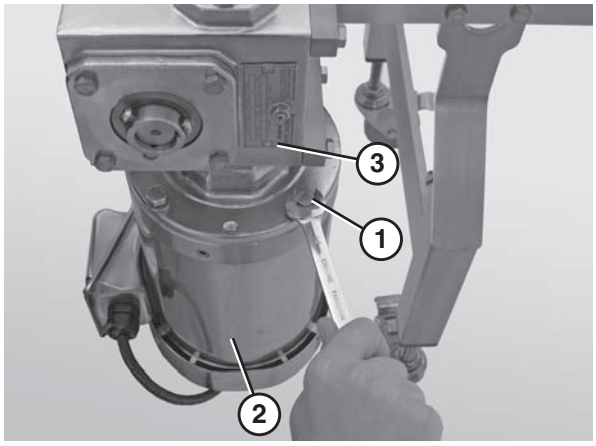


Figure 32

2. Disconnect the motor **(Figure 33, item 1)** from the gear reducer **(Figure 33, item 2)** and set the motor aside.

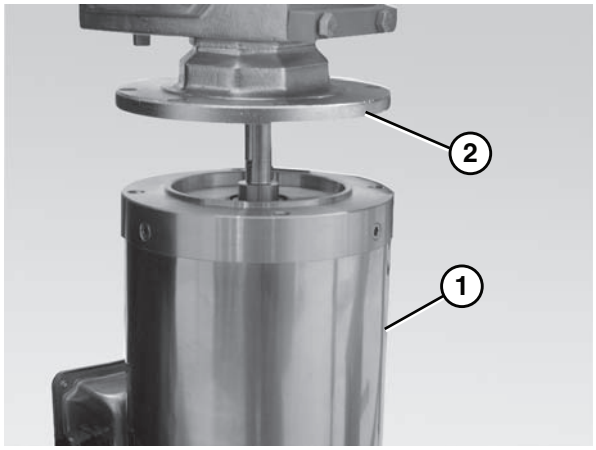


Figure 33

NOTE

Be sure to retain the motor output shaft key.

3. Remove the gearmotor cover **(Figure 34, item 1)**.

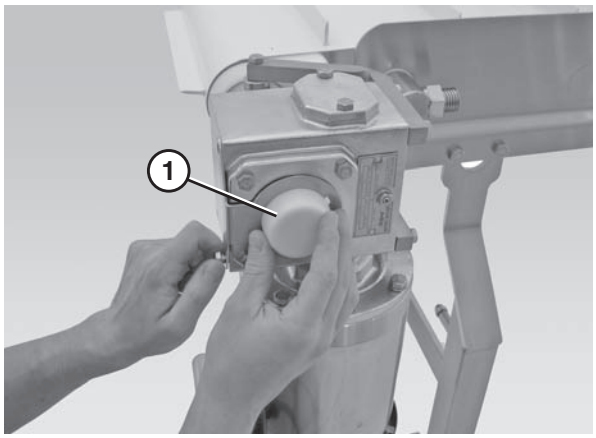


Figure 34

4. Loosen the drive spindle fasteners **(Figure 35, item 1)** located on the inside and outside of the gearmotor assembly using a 4 mm hex wrench **(Figure 35, item 2)**.

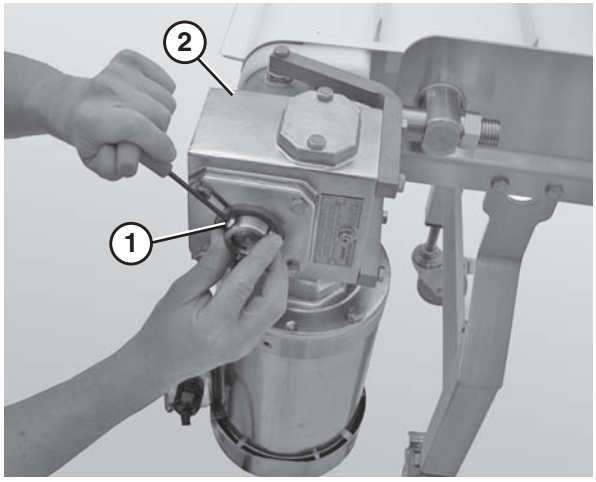


Figure 35

⚠ WARNING

PUNCTURE HAZARD!

Handle drive shaft keyway with care. It may be sharp and could puncture the skin, causing serious injury.

5. Slide the gearmotor assembly **(Figure 36, item 1)** off the drive spindle **(Figure 36, item 2)**.

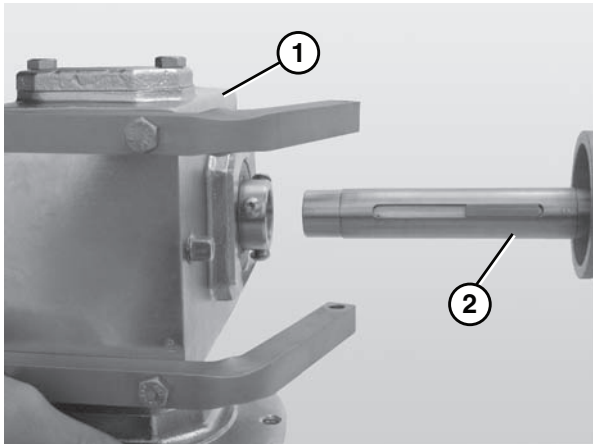


Figure 36

NOTE

Be sure to retain the drive spindle key.

6. Replace the gear reducer.
7. Insert the gearmotor output shaft key **(Figure 37, item 1)** into the gearmotor output shaft keyway **(Figure 37, item 2)**.

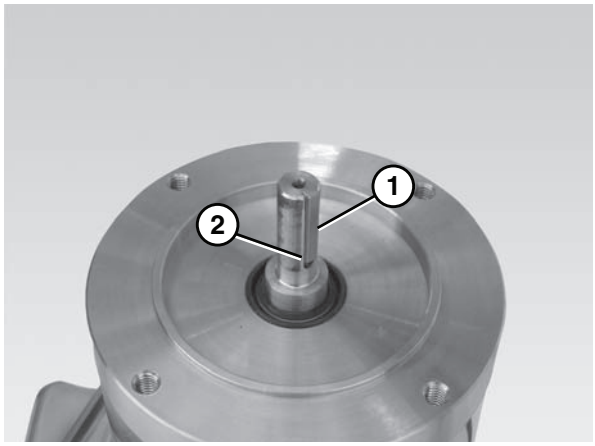


Figure 37

⚠ CAUTION

Ensure the gearmotor output shaft key (Figure 37, item 1) is situated properly before attaching the motor to the gear reducer.

8. Connect the new gear reducer to the motor.
9. Reinstall the gearmotor assembly. Refer to "Drive Package Installation" starting on page 7.

CE Version Gearmotor Replacement

⚠ WARNING

SEVERE HAZARD!
LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

BURN HAZARD!
DO NOT TOUCH the motor while operating or shortly after being turned off. Motors may be HOT and can cause serious burn injuries.

⚠ DANGER

ELECTRICAL HAZARD!
LOCK OUT POWER BEFORE WIRING. Exposure to high voltage current can cause death or serious injury.

1. Loosen the screws and remove the cover **(Figure 38, item 1)** from the junction box located on the side of the motor **(Figure 38, item 2)**.

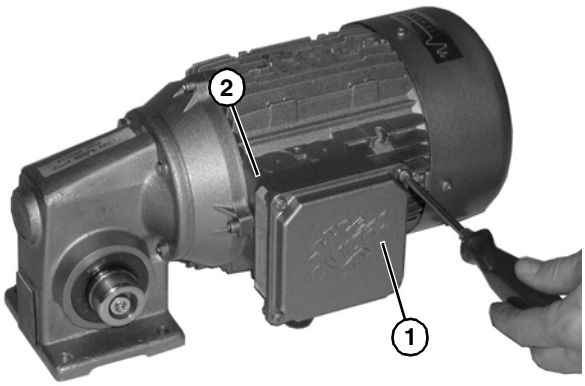


Figure 38

2. Refer to the wiring diagram **(Figure 39, item 1)** on the inside of the junction box cover.

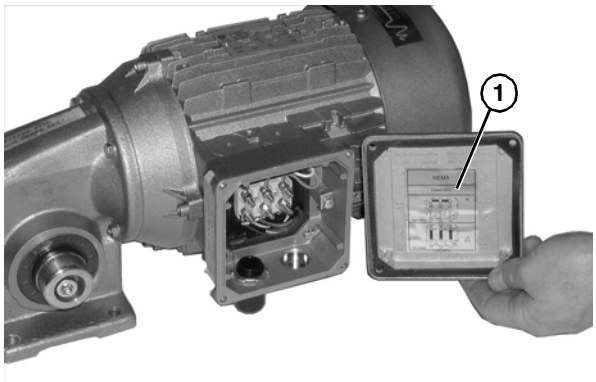


Figure 39

3. Loosen the wire terminals and disconnect the wires.
4. Loosen the cord grip and remove the cord.

⚠ WARNING

CRUSH HAZARD!
- **SUPPORT MOTOR PRIOR TO LOOSENING THE BOLTS.**
- **Loosening motor bolts may cause it to drop down, causing serious injury.**

5. Remove the four bolts **(Figure 40, item 1)** that connect the gearmotor **(Figure 40, item 2)** to the gearhead mounting bar. **(Figure 40, item 3)**

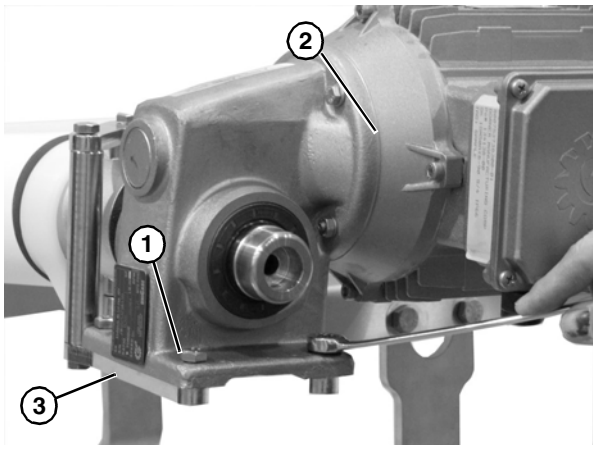


Figure 40

6. Remove the plastic cap on the end of the motor and remove the socket head screw and the bore plug. **(Figure 41, item 1)**.

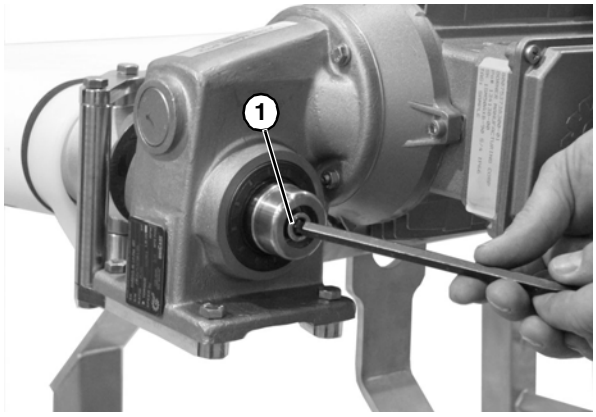


Figure 41

7. Slide the gearmotor assembly off of the drive spindle. **(Figure 41)**.

NOTE

Be sure to retain the motor output shaft key.

US Version Motor Replacement

⚠ WARNING

SEVERE HAZARD!

LOCK OUT POWER before removing guards or performing maintenance. Exposed moving parts can cause serious injury.

⚠ WARNING

BURN HAZARD!

DO NOT TOUCH the motor while operating or shortly after being turned off. Motors may be HOT and can cause serious burn injuries.

⚠ DANGER

ELECTRICAL HAZARD!

LOCK OUT POWER BEFORE WIRING. Exposure to high voltage current can cause death or serious injury.

1. Loosen the screws and remove the cover **(Figure 42, item 1)** from the junction box located on the side of the motor **(Figure 42, item 2)**.

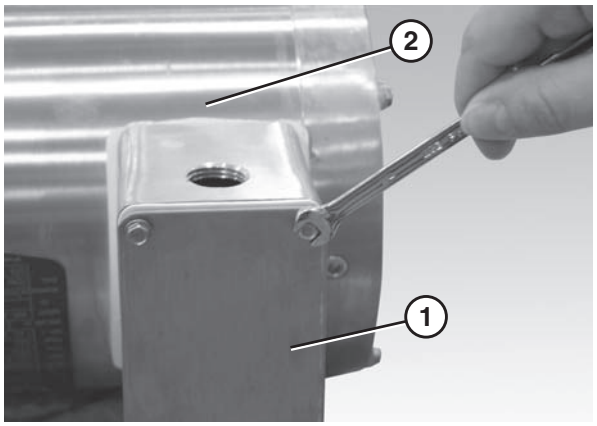


Figure 42

2. Refer to the wiring diagram **(Figure 43, item 1)** on the inside of the junction box cover.

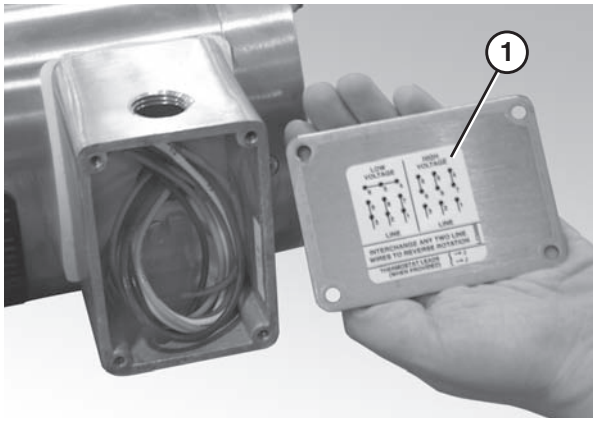


Figure 43

3. Loosen the wire nuts and disconnect the wires.
4. Loosen the cord grip and remove the cord.

⚠ WARNING

CRUSH HAZARD!

- **SUPPORT MOTOR PRIOR TO LOOSENING THE BOLTS.**
- **Loosening motor bolts may cause it to drop down, causing serious injury.**

5. Remove the bolts **(Figure 44, item 1)** that connect the motor **(Figure 44, item 2)** to the gear reducer **(Figure 44, item 3)** (horizontal drive shown in figures).

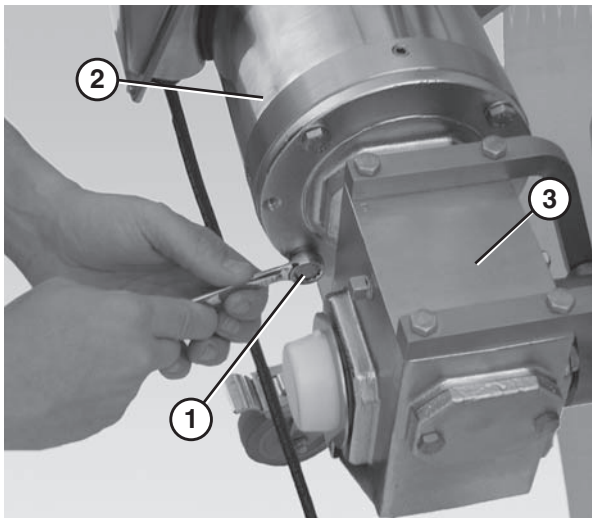


Figure 44

6. Detach the motor **(Figure 45, item 1)** from the gear reducer **(Figure 45, item 2)**.

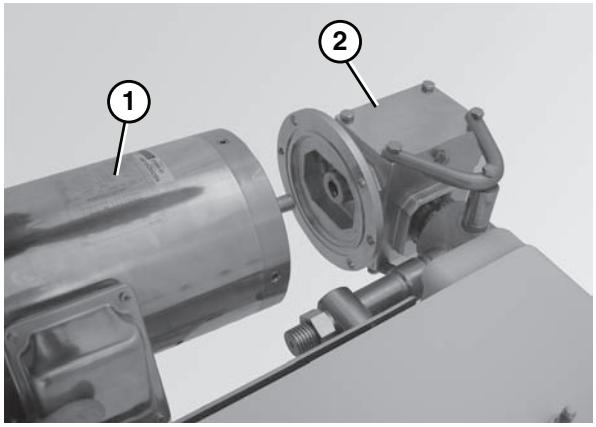


Figure 45

NOTE

Be sure to retain the motor output shaft key.

7. Insert the motor output shaft key **(Figure 46, item 1)** into the motor output shaft keyway **(Figure 46, item 2)**.

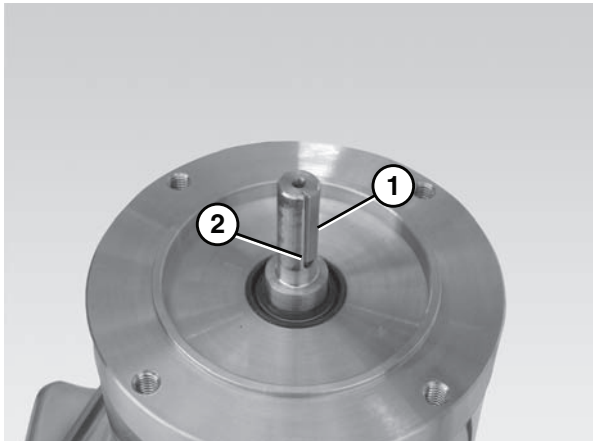


Figure 46

8. Align the motor output shaft key with the access hole in the gear reducer and connect the new motor to the gear reducer.

⚠ CAUTION

Ensure the gearmotor output shaft key (Figure 46, item 1) is situated properly before attaching the motor to the gear reducer.

9. Rewire the motor and attach the junction box cover.

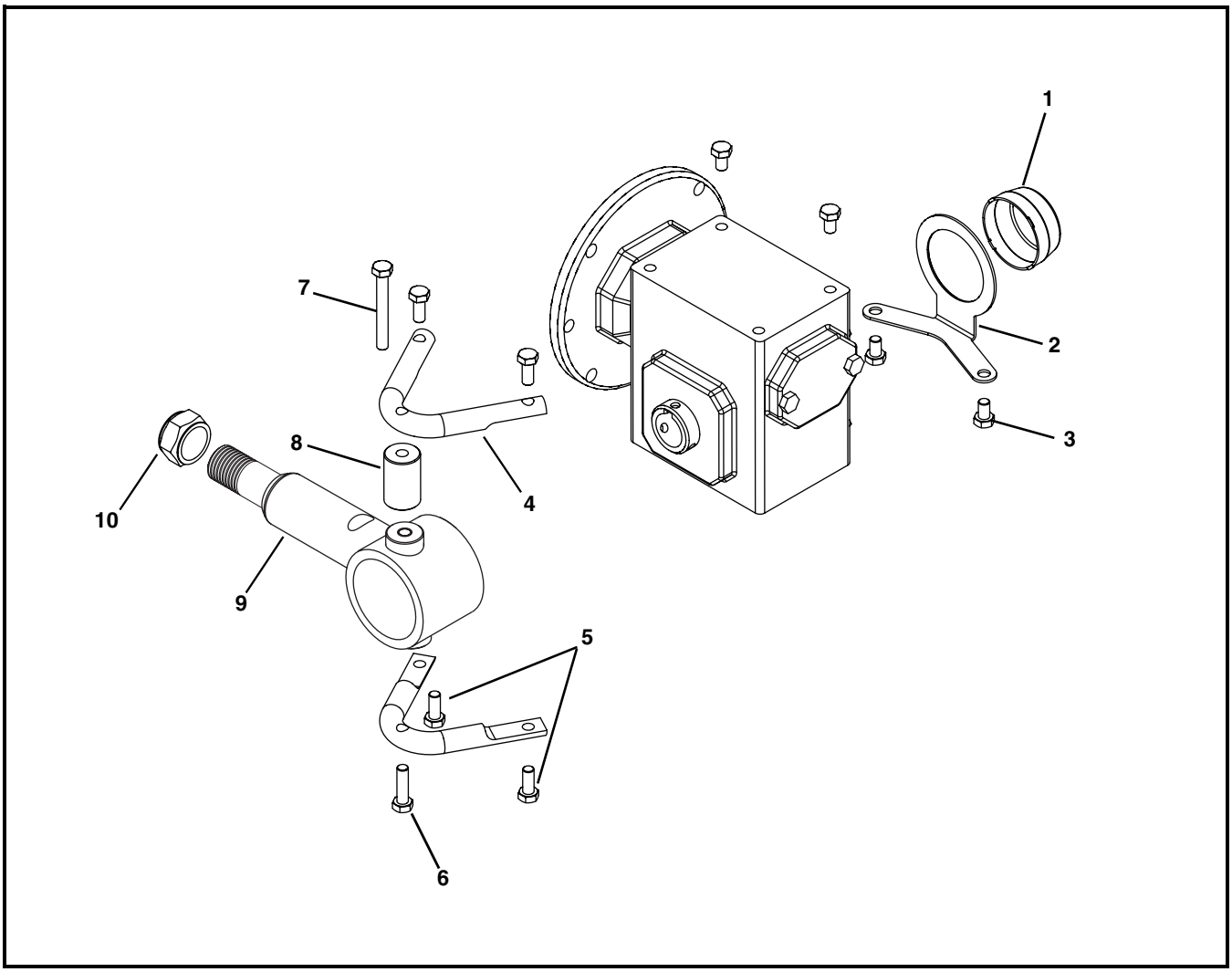
Notes

Service Parts

NOTE

For replacement parts other than those shown in this section, contact an authorized Dorner Service Center or the factory. Key Service Parts and Kits are identified by the Performance Parts Kits logo . Dorner recommends keeping these parts on hand.

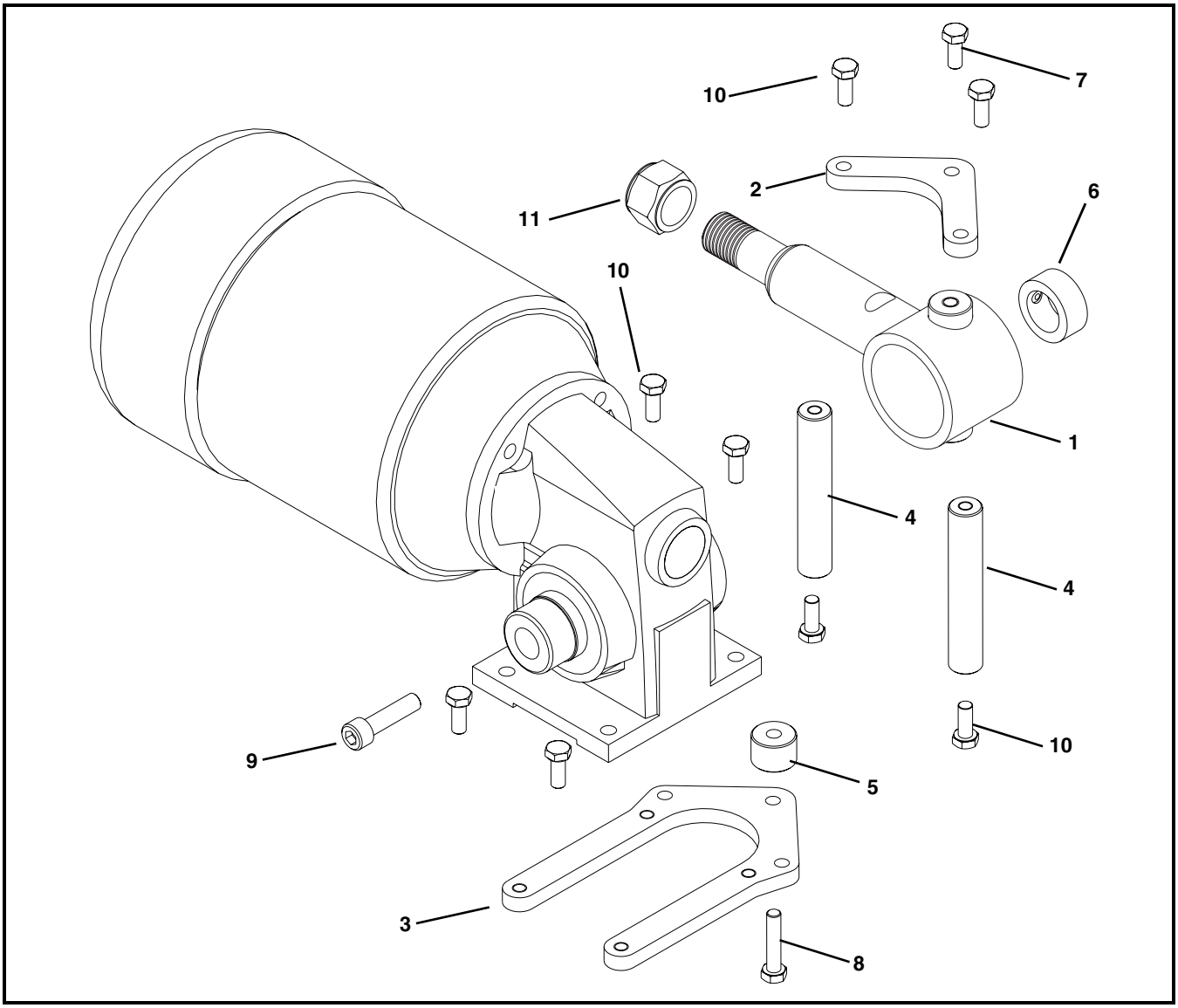
US Version Horizontal Drive



Item	Part Number	Description
1	807-1454	Cover
2	500492	Cover Bracket
3	906-067SS	Hex Head Cap Screw, 5/16-18 x 0.50
4	500380	Gear Reducer Mounting Bent Bar
5	906-061SS	Hex Head Cap Screw, 5/16-18 x 0.75
6	906-070SS	Hex Head Cap Screw, 5/16-18 x 1.12

Item	Part Number	Description
7	906-072SS	Hex Head Cap Screw, 5/16-18 x 2.50
8	500375	Horizontal Drive Spacer
9	506373	Motor Mounting Bracket (7600 Series)
	506395	Motor Mounting Bracket (7600 Ultimate Series)
10	500791	Nut (7600 Series Only)

CE Version Horizontal Drive

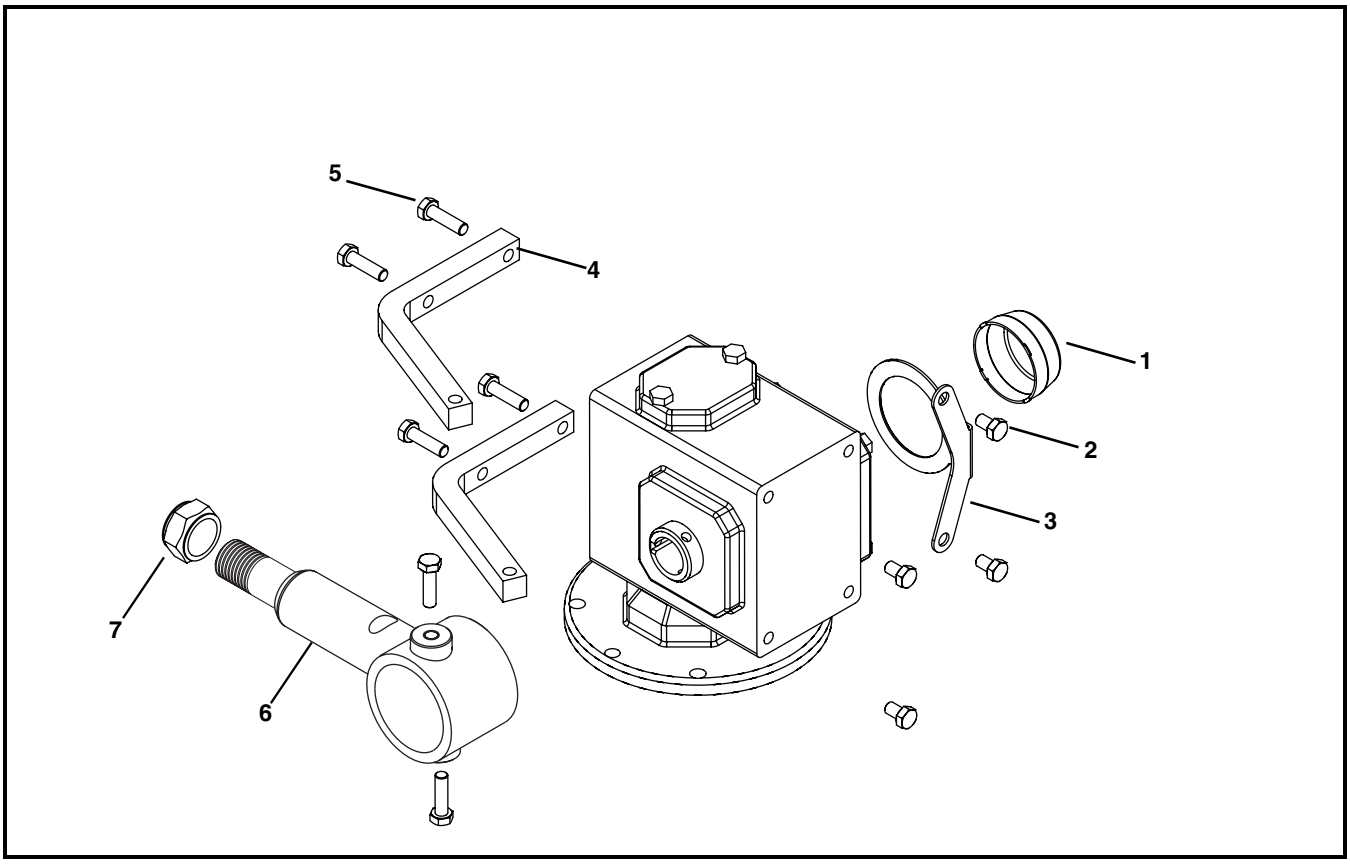


Item	Part Number	Description
1	506373	Motor Mounting Bracket (7600 Series)
	506395	Motor Mounting Bracket (7600 Ultimate Series)
2	506202	Upper Gearhead Mounting Bar
3	506203	Lower Gearhead Mounting Bar
4	506204	Upper Mounting Drive Spacer
5	506205	Lower Mounting Drive Spacer
6	807-1817	Set Screw Collar
7	906-061SS	Hex Head Cap Screw, 5/16-18 x 0.75

Item	Part Number	Description
8	906-064SS	Hex Head Cap Screw, 5/16-18 x 1.5
9	921040MSS	Socket Head Screw, M10 x 0.50 x 35 mm
10	960820MSS	Hex Head Cap Screw, M8 x 1.25 x 20 mm
11	500791	Nut (7600 Series Only)

Service Parts

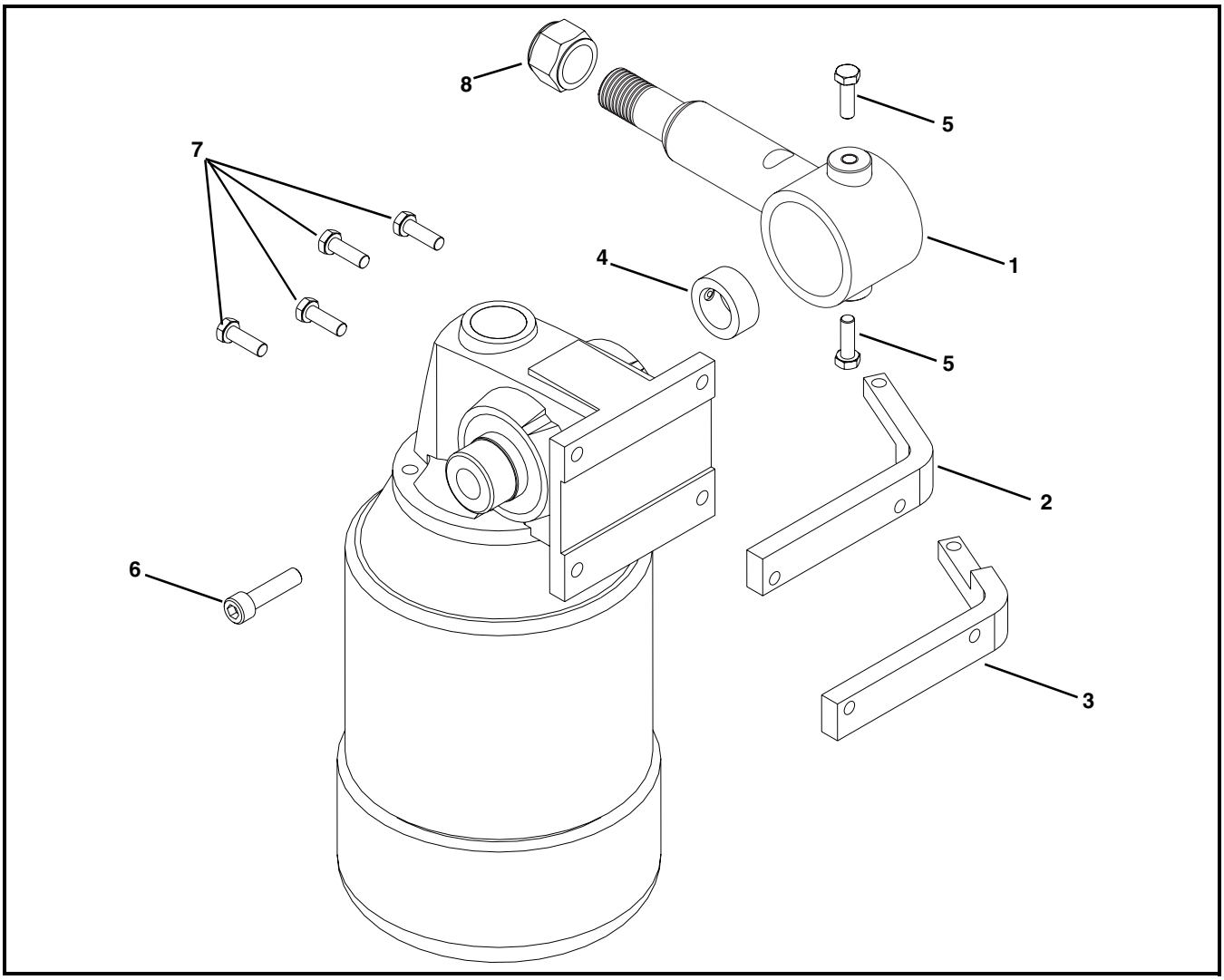
US Version Vertical Drive



Item	Part Number	Description
1	807-1454	Cover
2	500492	Cover Bracket
3	906-067SS	Hex Head Cap Screw 5/16-18 x 0.50
4	500381	Vertical Drive Bent Bar
5	906-070SS	Hex Head Cap Screw 5/16-18 x 1.12

Item	Part Number	Description
6	506373	Motor Mounting Bracket (7600 Series)
	506395	Motor Mounting Bracket (7600 Ultimate Series)
7	500791	Nut (7600 Series Only)

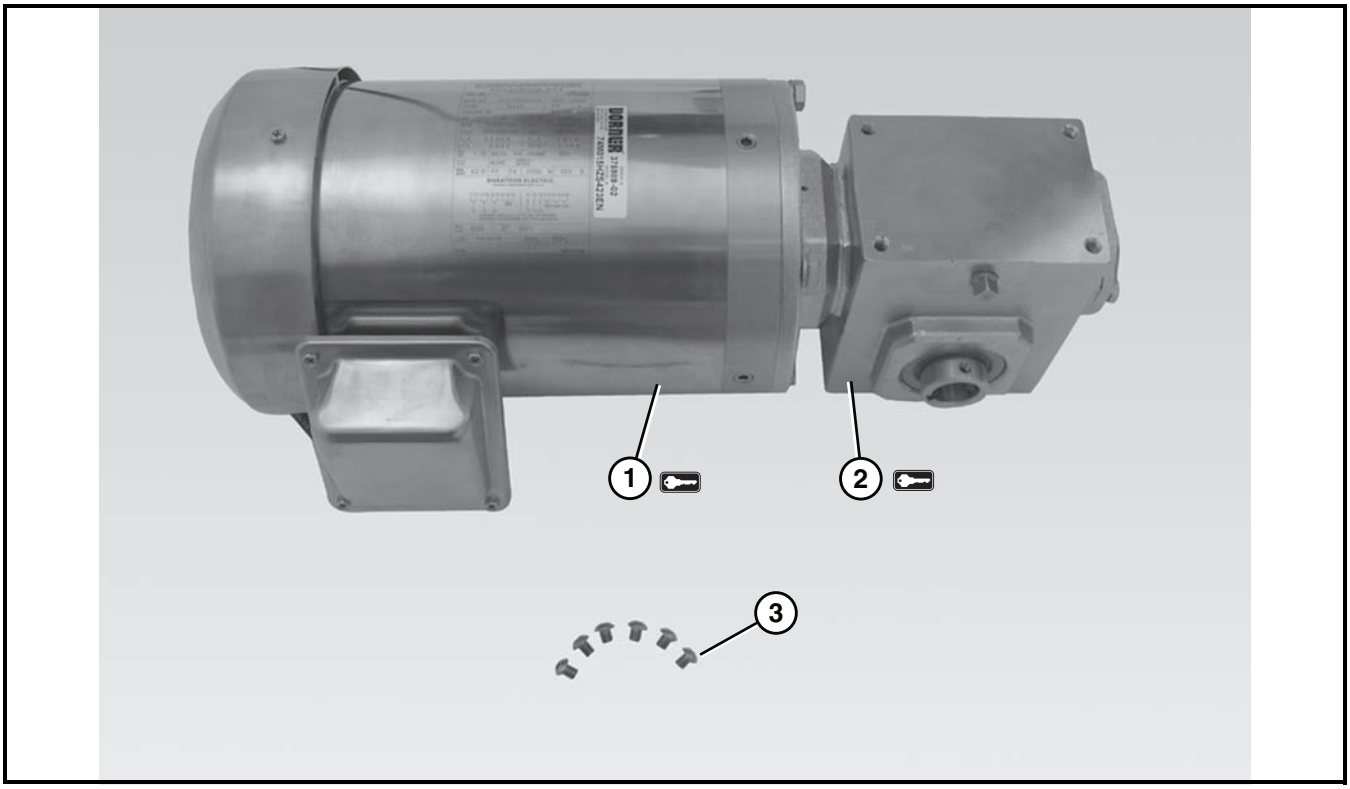
CE Version Vertical Drive



Item	Part Number	Description
1	506373	Motor Mounting Bracket (7600 Series)
	506395	Motor Mounting Bracket (7600 Ultimate Series)
2	506200	Vertical Drive Bent Bar Left
3	506201	Vertical Drive Bent Bar Right
4	807-1817	Set Screw Collar
5	906-063SS	Hex Head Cap Screw 5/16-18 x 1.00
6	921040MSS	Socket Head Screw, M10 x 0.50 x 35 mm
7	960825MSS	Hex Head Cap Screw, M8 x 1.25 x 25 mm
8	500791	Nut (7600 Series Only)

Service Parts

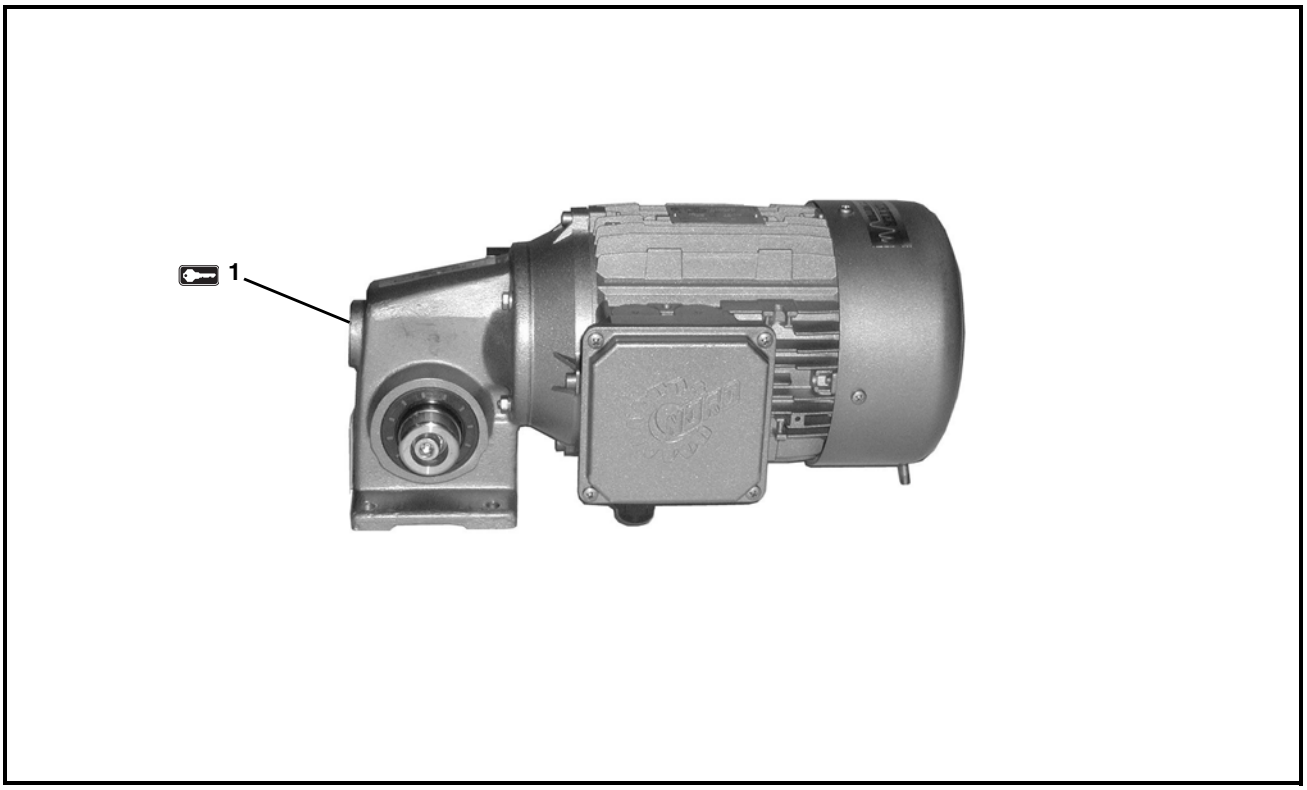
US Version Gearmotor Assembly



Item	Part Number	Description
1	62MZ411	Painted Motor, 0.50 Hp (0.37Kw) 115 Volts, 60Hz, 1 Phase
	62MZ423	Painted Motor, 0.50 Hp (0.37Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MHS423-10	Painted Motor, 1.00 Hp (0.74Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MHS423-15	Painted Motor, 1.50 Hp (1.11Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	62MZS423	Stainless Steel Motor, 0.50 Hp (0.37Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MZS423-10	Stainless Steel Motor, 1.00 Hp (0.74Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MZS423-15	Stainless Steel Motor, 1.50 Hp (1.11Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase

Item	Part Number	Description
2	74M005HS	Painted Gear Reducer, 5:1, 56C
	74M007HS	Painted Gear Reducer, 7:1, 56C
	74M010HS	Painted Gear Reducer, 10:1, 56C
	74M015HS	Painted Gear Reducer, 15:1, 56C
	74M020HS	Painted Gear Reducer, 20:1, 56C
	74M030HS	Painted Gear Reducer, 30:1, 56C
	74M040HS	Painted Gear Reducer, 40:1, 56C
	74M060HS	Painted Gear Reducer, 60:1, 56C
	74M080HS	Painted Gear Reducer, 80:1, 56C
	74M005HZ	Stainless Steel Gear Reducer, 5:1, 56C
	74M007HZ	Stainless Steel Gear Reducer, 7:1, 56C
	74M010HZ	Stainless Steel Gear Reducer, 10:1, 56C
	74M015HZ	Stainless Steel Gear Reducer, 15:1, 56C
	74M020HZ	Stainless Steel Gear Reducer, 20:1, 56C
	74M030HZ	Stainless Steel Gear Reducer, 30:1, 56C
	74M040HZ	Stainless Steel Gear Reducer, 40:1, 56C
	74M060HZ	Stainless Steel Gear Reducer, 60:1, 56C
	74M080HZ	Stainless Steel Gear Reducer, 80:1, 56C
3	917-104	Stainless Steel Socket Head Cap Screw 10-32 x 0.25 for Painted Gearmotor
	916-126	Stainless Steel Button Head Cap Screw 1/4-20 x 0.31 for Stainless Steel Gearmotor

CE Version Gearmotor Assembly



Item	Part Number	Description
1	74U060HS423FN	Motor, 0.5 Hp (0.37Kw), 23 RPM, 50Hz
	74U030HS423FN	Motor, 1.00 Hp (0.74Kw), 46 RPM, 50Hz
	74U025HS423FN	Motor, 1.00 Hp (0.74Kw), 55 RPM, 50Hz
	74U015HS423FN	Motor, 1.50 Hp (1.11Kw), 93 RPM, 50Hz
	74U010HS423FN	Motor, 1.50 Hp (1.11Kw), 140 RPM, 50Hz
	74U007HS423FN	Motor, 2.00 Hp (1.49Kw), 186 RPM, 50Hz
	74U005HS423FN	Motor, 2.00 Hp (1.49Kw), 279 RPM, 50Hz
	74U060HS423EN	Motor, 0.5 Hp (0.37Kw), 23 RPM, 50Hz, 230/400 Volts
	74U030HS423EN	Motor, 1.00 Hp (0.74Kw), 46 RPM, 50Hz, 230/400 Volts
	74U025HS423EN	Motor, 1.00 Hp (0.74Kw), 55 RPM, 50Hz, 230/400 Volts
	74U015HS423EN	Motor, 1.50 Hp (1.11Kw), 93 RPM, 50Hz, 230/400 Volts
	74U010HS423EN	Motor, 1.50 Hp (1.11Kw), 140 RPM, 50Hz, 230/400 Volts
	74U007HS423EN	Motor, 2.00 Hp (1.49Kw), 186 RPM, 50Hz, 230/400 Volts
	74U005HS423EN	Motor, 2.00 Hp (1.49Kw), 279 RPM, 50Hz, 230/400 Volts

Return Policy

Returns must have prior written factory authorization or they will not be accepted. Items that are returned to Dorner without authorization will not be credited nor returned to the original sender. When calling for authorization, please have the following information ready for the Dorner factory representative or your local distributor:

1. Name and address of customer.
2. Dorner part number(s) of item(s) being returned.
3. Reason for return.
4. Customer's original order number used when ordering the item(s).
5. Dorner or distributor invoice number (if available, part serial number).

A representative will discuss action to be taken on the returned items and provide a Returned Goods Authorization (RMA) number for reference. RMA will automatically close 30 days after being issued. To get credit, items must be new and undamaged. There will be a return charge on all items returned for credit, where Dorner was not at fault. It is the customer's responsibility to prevent damage during return shipping. Damaged or modified items will not be accepted. The customer is responsible for return freight.

Conveyors and conveyor accessories	
Standard catalog conveyors	30%
MPB, 7200, 7300 Series, cleated and specialty belt	50%
AquaGard & AquaPruf Series conveyors	non-returnable items
Engineered special products	case by case
Drives and accessories	30%
Sanitary stand supports	non-returnable items

Parts	
Standard stock parts	30%
Plastic chain, cleated and specialty belts	non-returnable items

Returns will not be accepted after 60 days from original invoice date. The return charge covers inspection, cleaning, disassembly, disposal and reissuing of components to inventory. If a replacement is needed prior to evaluation of returned item, a purchase order must be issued. Credit (if any) is issued only after return and evaluation is complete.

Dorner has representatives throughout the world. Contact Dorner for the name of your local representative. Our Customer Service Team will gladly help with your questions on Dorner products.

For a copy of Dorner's Warranty, contact factory, distributor, service center or visit our website at www.dorner.com.

For replacement parts, contact an authorized Dorner Service Center or the factory.

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