7350 Series Side Mount 90° Drive Package

Installation, Maintenance & Parts Manual

US Version

CE Version

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851-679 Rev. C

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Introduction

IMPORTANT

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.

Dorner's Limited Warranty applies.

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.

⚠ WARNING

The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.

⚠ DANGER

Climbing, sitting, walking or riding on conveyor will cause severe injury.

KEEP OFF CONVEYORS.

⚠ DANGER

DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT.

⚠ WARNING

Exposed moving parts can cause severe injury.

LOCK OUT POWER before removing guards or performing maintenance.

⚠ WARNING

Gearmotors may be HOT.

DO NOT TOUCH Gearmotors.

⚠ WARNING

Exposed moving parts can cause severe injury.

REPLACE ALL GUARDS BEFORE RUNNING CONVEYOR.

⚠ WARNING

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.

Product Description

Refer to **(Figure 1)** for typical gearmotor assembly components.

1	Conveyor
2	Mounting Bracket
3	Motor
4	Gear Reducer

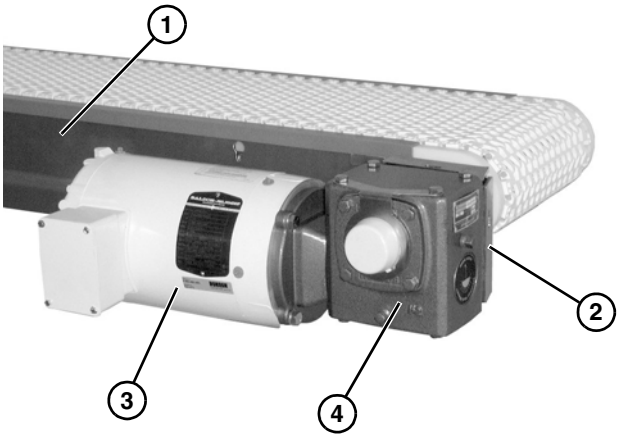


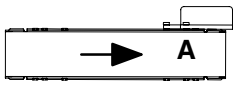
Figure 1

Specifications

Gearmotor Mounting Package Models:

735 M S 1 S A 28 28

- 28 — Conveyor Sprocket
- 28 — Gearmotor Sprocket
- A — Drive Position
- S — Gearmotor Size
- 1 — Gearmotor Type
- S — Drive Type
- M — Language
  - M = US Version
  - U = CE English Version



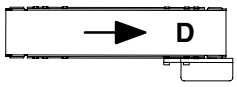


Table 1: Gearmotor Specifications

US Version

	Singe Phase	Three Phase
Output Power	0.50 hp (0.37 kW)	.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	60Hz	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 56C	
Motor Type	Totally Enclosed, Non-ventilated (Except 1.5 hp Stainless Steel Gearmotor = Totally Enclosed, Fan Cooled)	

CE Version

	Fixed Speed	Variable Speed
Output Power	0.37 kW to 1.5 kW	
Input Power	230 / 400 V 3 Phase	
Input Frequency	50 Hz	12 - 80 Hz
Gearmotor Ratios	60:1, 30:1, 25:1, 15:1, 10:1, 7.5:1, 5:1	
Motor Type	Totally Enclosed, Fan Cooled	

Table 2: Belt Speeds for Fixed Speed 90° Painted Gearmotors

US Version

Part Number	Belt Speed		RPM	1 Phase			3 Phase			in-lbs	N-m
	Ft/min	M/min		HP	Kw	FLA	HP	Kw	FLA		
74M080HS4(vp)FN	22	6.7	22	0.5	0.37	6.8/3.7-3.4	0.5	0.37	1.6/0.8	356	40.2
74M060HS4(vp)FN	29	8.8	29	0.5	0.37	6.8/3.7-3.4	0.5	0.37	1.6/0.8	442	49.9
74M040HS4(vp)FN	44	13.2	44	0.5	0.37	6.8/3.7-3.4	0.5	0.37	1.6/0.8	486	54.9
74M030HS4(vp)FN	58	17.7	58	N/A	N/A	N/A	1	0.74	3.5-3.2/1.6	487	55.0
74M020HS4(vp)FN	87	26.5	87	N/A	N/A	N/A	1	0.74	3.5-3.2/1.6	407	46.0
74M015HS4(vp)FN	117	35.7	117	N/A	N/A	N/A	1	0.74	3.5-3.2/1.6	470	53.1
74M010HS4(vp)FN	175	53.3	175	N/A	N/A	N/A	1.5	1.11	4.6-4.2/2.1	442	49.9
74M007HS4(vp)FN	233	71.0	233	N/A	N/A	N/A	1.5	1.11	4.6-4.2/2.1	360	40.7

(vp) = voltage and phase

11 = 115/208-230, 1-phase

23 = 0.5 HP – 230/460 V, 3-phase

1.0 & 1.5 HP – 208-230/460 V, 3-phase

CE Version

Part Number	Belt Speed						FLA		N-m
	Ft/min	M/min	RPM	kW	Volts	Phase	at 230V	at 400V	
73U060HS423FN	23	7.0	23	0.37	230/400	3	1.91	1.1	81
73U030HS423FN	46	14.0	46	0.75	230/400	3	3.65	2.1	102
73U025HS423FN	55	16.8	55	0.75	230/400	3	3.65	2.1	94
73U015HS423FN	93	28.3	93	1.12	230/400	3	4.89	2.81	89
73U010HS423FN	140	42.7	140	1.12	230/400	3	4.89	2.81	64
73U007HS423FN	186	56.7	186	1.49	230/400	3	6.17	3.55	67
73U005HS423FN	279	85.0	279	1.49	230/400	3	6.17	3.55	46

Specifications

Table 3: Belt Speeds for Variable Speed 90° Painted Gearmotors

US Version

Part Number	Belt Speed		RPM	3 Phase				in-lbs	N-m
	Ft/min	M/min		HP	Kw	Volts	FLA		
74M080HS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230/460	1.6/0.8	356	40.2
74M060HS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230/460	1.6/0.8	442	49.9
74M040HS423EN	5 to 44	1.3 to13.4	44	0.5	0.37	230/460	1.6/0.8	486	54.9
74M030HS423EN	6 to 58	2 to 17.7	58	1	0.74	208-230/460	3.5-3.2/1.6	487	55.0
74M020HS423EN	9 to 87	2.6 to 26.5	87	1	0.74	208-230/460	3.5-3.2/1.6	487	55.0
74M015HS423EN	12 to 117	3.6 to 35.7	117	1	0.74	208-230/460	3.5-3.2/1.6	470	53.1
74M010HS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230/460	4.6-4.2/2.1	442	49.9
74M007HS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230/460	4.6-4.2/2.1	360	40.7

CE Version

Part Number	Belt Speed (Ft/min)		Belt Speed (M/min)		RPM					FLA		N-m
	Min	Max	Min	Max	Min	Max	Kw	Volts	Phase	at 230V	at 400V	
73U060HS423EN	6	37	3.5	7.0	6	37	0.37	230/400	3	1.91	1.1	81
73U030HS423EN	11	74	7.0	14.0	11	74	0.75	230/400	3	3.65	2.1	102
73U025HS423EN	13	88	8.4	16.8	13	88	0.75	230/400	3	3.65	2.1	94
73U015HS423EN	22	149	14.2	28.3	22	149	1.12	230/400	3	4.89	2.81	89
73U010HS423EN	34	224	21.3	42.7	34	224	1.12	230/400	3	4.89	2.81	64
73U007HS423EN	45	298	28.3	56.7	45	298	1.49	230/400	3	6.17	3.55	67

Table 4: US Version Belt Speeds for Fixed Speed 90° Stainless Gearmotors

Part Number	Belt Speed		RPM	3 Phase				in-lbs	N-m
	Ft/min	M/min		HP	Kw	Volts	FLA		
74M080HZS423FN	22	6.7	22	0.5	0.37	230/460	1.6/0.8	356	40.2
74M060HZS423FN	29	8.8	29	0.5	0.37	230/460	1.6/0.8	442	49.9
74M040HZS423FN	44	13.4	44	0.5	0.37	230/460	1.6/0.8	486	54.9
74M030HZS423FN	58	17.7	58	1	0.74	208-230/460	3.2-3/1.5	487	55.0
74M020HZS423FN	87	26.5	87	1	0.74	208-230/460	3.2-3/1.5	407	46.0
74M015HZS423FN	117	35.7	117	1	0.74	208-230/460	3.2-3/1.5	470	53.1
74M010HZS423FN	175	53.3	175	1.5	1.11	208-230/460	5.8-5.4/2.7	442	49.9
74M007HZS423FN	233	71.0	233	1.5	1.11	208-230/460	5.8-5.4/2.7	360	40.7

Table 5: US Version Belt Speeds for Variable Speed 90° Stainless Gearmotors

Part Number	Belt Speed		RPM	3 Phase				in-lbs	N-m
	Ft/min	M/min		HP	Kw	Volts	FLA		
74M080HZS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230/460	1.6/0.8	356	40.2
74M060HZS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230/460	1.6/0.8	442	49.9
74M040HZS423EN	5 to 44	1.3 to13.4	44	0.5	0.37	230/460	1.6/0.8	486	54.9
74M030HZS423EN	6 to 58	2 to 17.7	58	1	0.74	208-230/460	3.2-3/1.5	487	55.0
74M020HZS423EN	9 to 87	2.6 to 26.5	87	1	0.74	208-230/460	3.2-3/1.5	487	55.0
74M015HZS423EN	12 to 117	3.6 to 35.7	117	1	0.74	208-230/460	3.2-3/1.5	470	53.1
74M010HZS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230/460	5.3-5.4/2.7	442	49.9
74M007HZS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230/460	5.3-5.4/2.7	360	40.7

NOTE

For belt speed other than those listed, contact factory for details.

US Version Side Drive Package

Required Tools

- 5/16" wrench
- 4 mm wrench
- 13 mm wrench
- 14 mm wrench
- Large flat head screwdriver
- Torque wrench

⚠ 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.

NOTE

Gearmotor may be operated in positions 1 or 3 ***(Figure 2)****.*

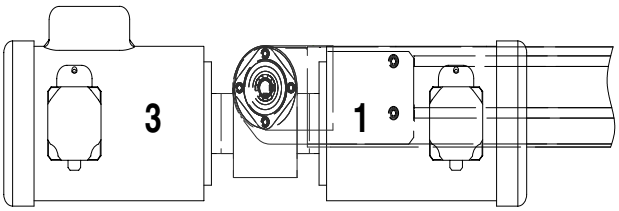


Figure 2

Typical Side Drive Package Components **(Figure 3)**.

1	Cover
2	Hex Head Cap Screw 5/16-18 x .75" (x2)
3	Hex Head Cap Screw 5/16-18 x .50" (x2)
4	Cover Bracket
5	Support Arm
6	Mounting Bracket
7	Hex Head Cap Screw M8-1.25 x 40 mm
8	Gearmotor Assembly

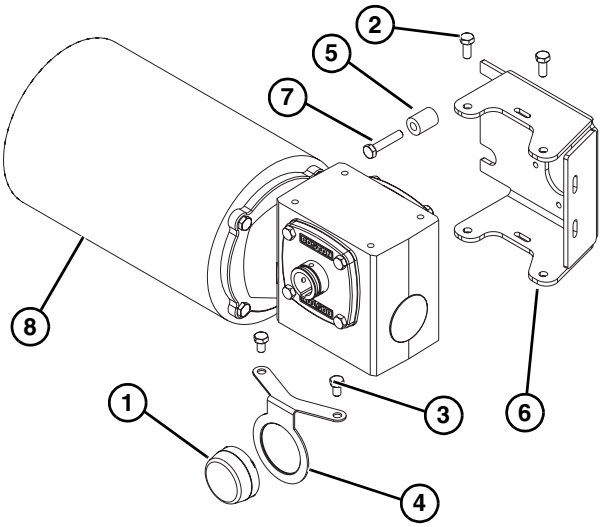


Figure 3

1. On each side of conveyor, remove upper front head plate mounting screw and install spacer **(Figure 4, item 1)** with longer screw **(Figure 4, item 2)**.

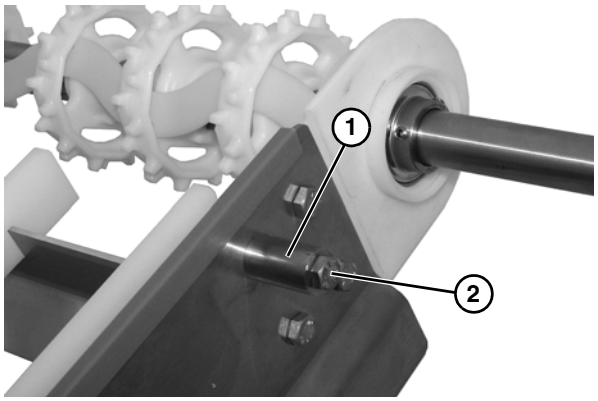


Figure 4

2. Install mounting bracket **(Figure 5, item 1)** onto gear reducer **(Figure 5, item 2)** with screws.

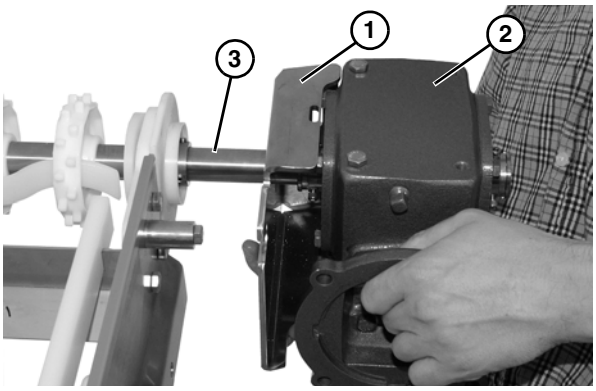


Figure 5

3. Install key onto conveyor shaft **(Figure 5, item 3)**, and slide gear reducer assembly onto shaft.
4. Slide mounting bracket **(Figure 6, item 1)** onto spacer **(Figure 6, item 2)** on conveyor, and tighten set screws on both bearings **(Figure 6, item 3)** with a hex key wrench **(Figure 6, item 4)**.

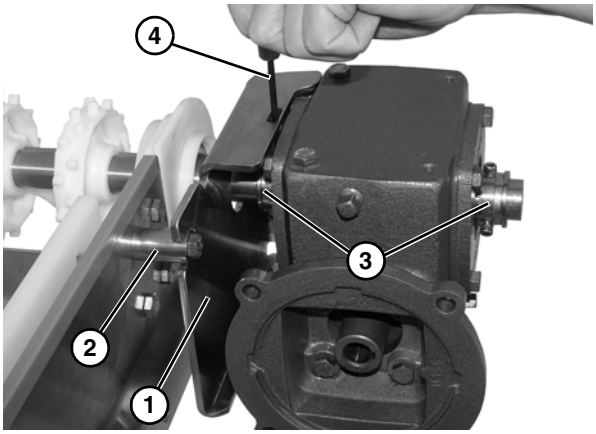


Figure 6

5. Install gear reducer output shaft cover **(Figure 7, item 1)**.

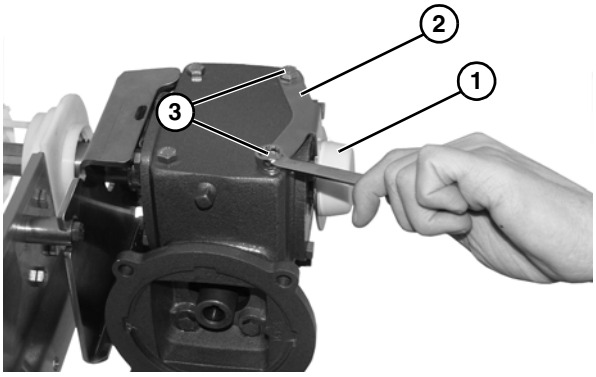


Figure 7

6. Install cover bracket **(Figure 7, item 2)** onto gear reducer with screws **(Figure 7, item 3)**.

IMPORTANT

Be extremely careful when coupling motor to gear reducer. Avoid misalignment and forcing the connection causing possible permanent gear reducer seal damage.

7. Install shaft key **(Figure 8, item 1)** onto motor shaft **(Figure 8, item 2)**, and install motor **(Figure 8, item 3)** onto gear reducer **(Figure 8, item 4).**

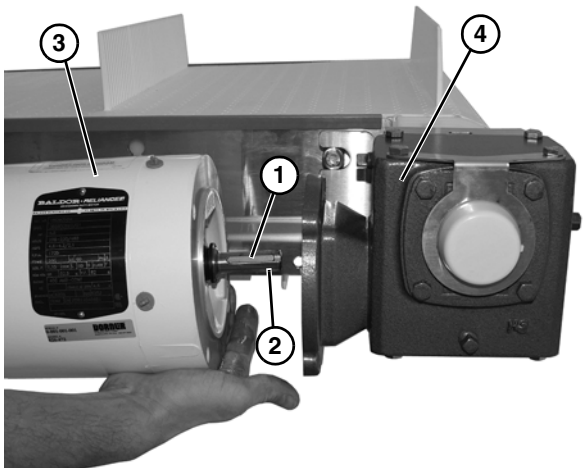


Figure 8

8. Secure motor **(Figure 9, item 1)** to gear reducer **(Figure 9, item 2)**, with four bolts **(Figure 9, item 3)**.

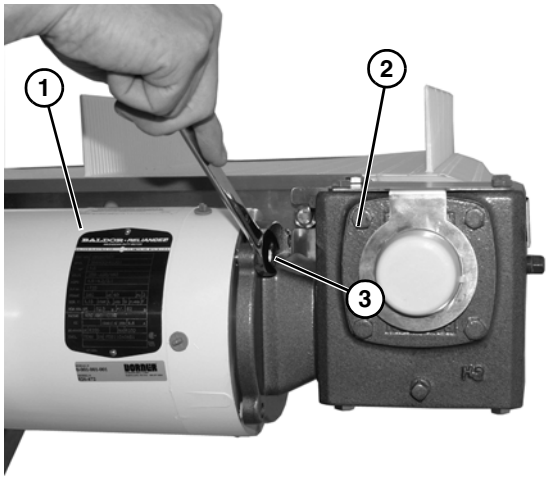


Figure 9

9. Tighten four bolts **(Figure 9, item 3)** to 65 in–lbs (7.3 N–m).

CE Version Side Drive Package

Required Tools

- 3/16" hex wrench
- 8 mm hex wrench
- 13 mm wrench
- Large flat head screwdriver

⚠ 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.

NOTE

Gearmotor may be operated in positions 1 or 3 ***(Figure 10)****.*

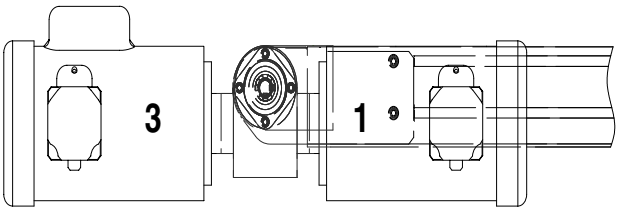


Figure 10

Typical Side Drive Package Components **(Figure 11)**.

1	Hex Head Cap Screw, M8-1.25 x 20 mm (x2)
2	Hex Head Cap Screw, M8-1.25 x 40 mm
3	Collar Clamp
4	Support Arm
5	Mounting Bracket
6	Hex Head Cap Screw, M10-0.50 x 40 mm
7	Gearmotor Assembly

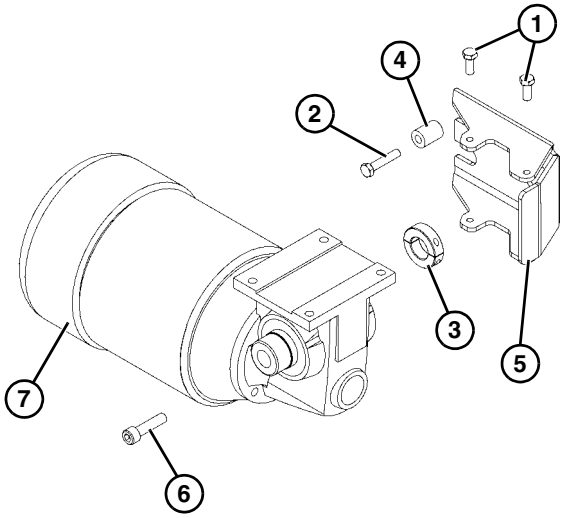


Figure 11

1. On side of conveyor motor is being installed, remove upper front head plate mounting screw **(Figure 12, item 1)**.

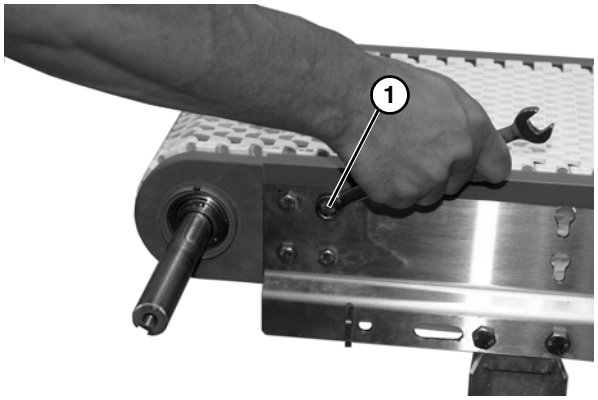


Figure 12

2. Install support arm **(Figure 13, item 1)** with longer screw **(Figure 13, item 2)**

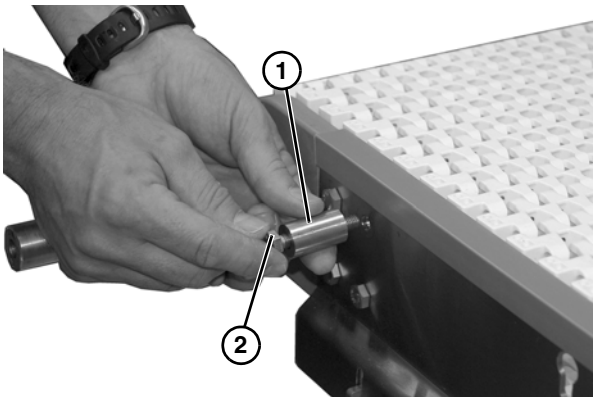


Figure 13

3. Install mounting bracket **(Figure 14, item 1)** onto output shaft and support arm **(Figure 14, item 2)**.

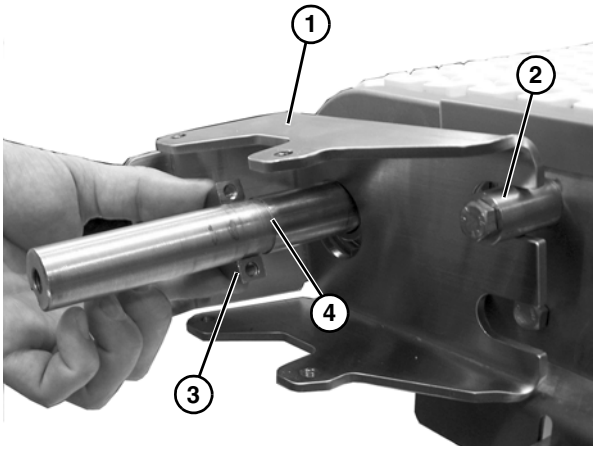


Figure 14

4. Install one half of collar clamp **(Figure 14, item 3)** up to line **(Figure 14, item 4)** conveyor shaft.
5. Install second half of collar clamp **(Figure 15, item 1)** and secure with two hex socket head screws **(Figure 15, item 2)**.

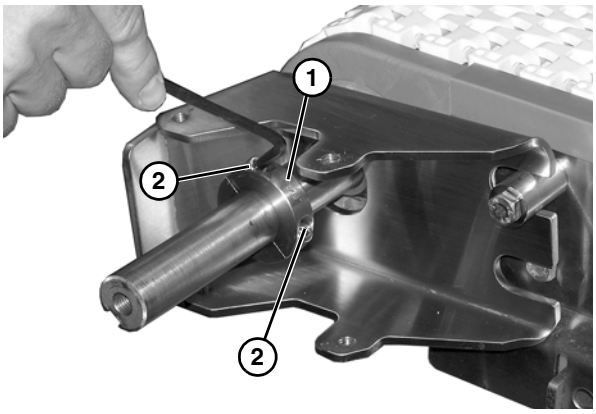


Figure 15

6. Install key onto conveyor shaft **(Figure 16, item 1)**, and slide gearmotor assembly **(Figure 16, item 2)** onto shaft and mounting bracket **(Figure 16, item 3**).

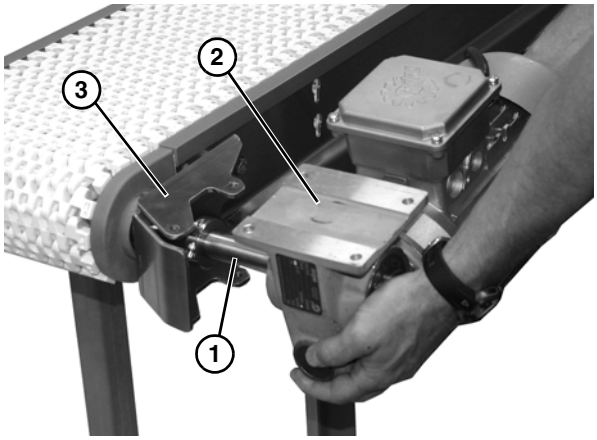


Figure 16

7. Install four screws **(Figure 17, item 1)** to gearmotor assembly and mounting bracket **(Figure 17, item 2)**.

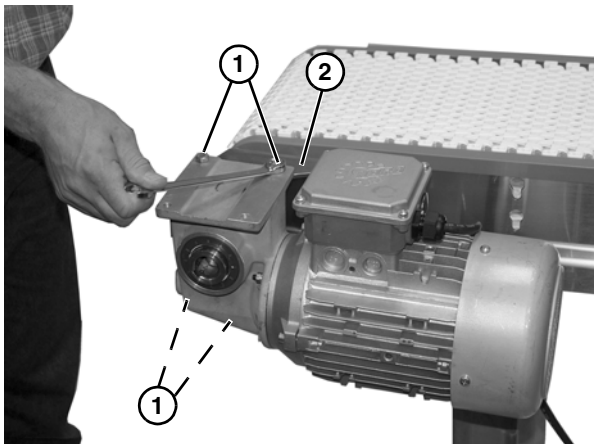


Figure 17

8. Install gear reducer end cap **(Figure 18, item 1)** with socket head screw **(Figure 18, item 2)**.

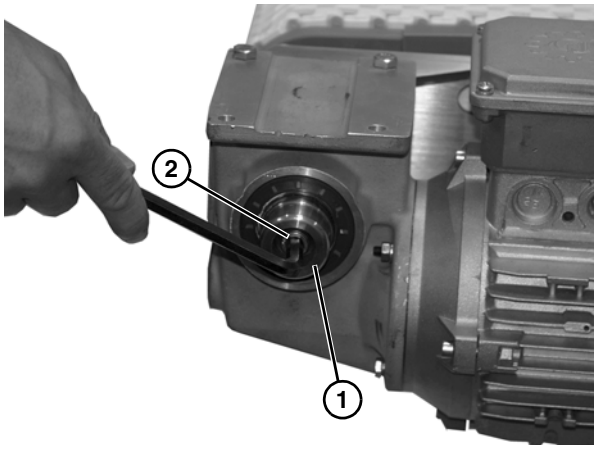


Figure 18

Required Tools

- 3/16" hex wrench
- 8 mm hex wrench
- 5/16" wrench
- 4 mm wrench
- 13 mm wrench
- 14 mm wrench
- Large flat head screwdriver
- Torque wrench

Check List

- Keep service parts on hand. Refer to “Service Parts” on page 15 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.

1. Remove four bolts **(Figure 19, item 1)** securing motor **(Figure 19, item 2)** to gear reducer **(Figure 19, item 3)**.

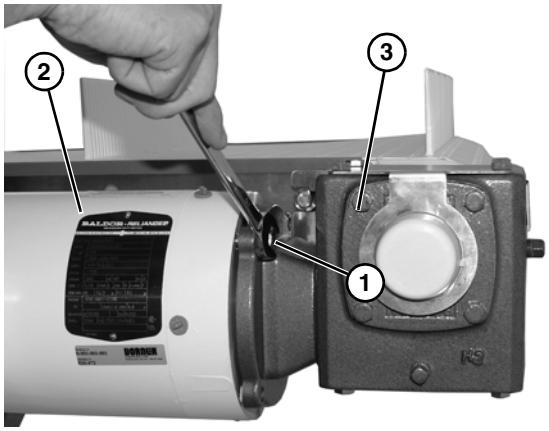


Figure 19

⚠ WARNING

CRUSH HAZARD!

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

2. Slide motor **(Figure 20, item 1)** off of gear reducer **(Figure 20, item 2)**, and remove shaft key **(Figure 20, item 3)** from motor shaft **(Figure 20, item 4)**.

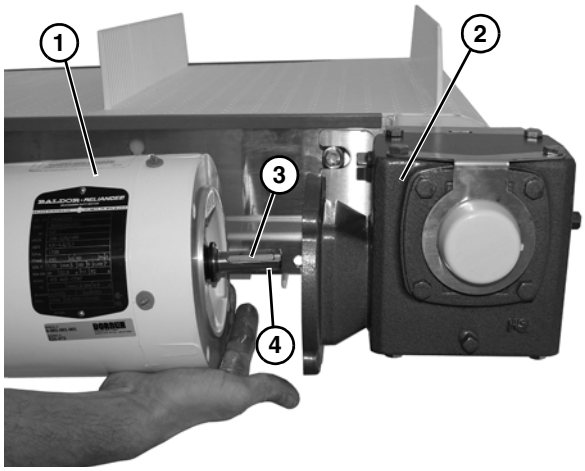


Figure 20

NOTE

Be sure to retain the motor output shaft key.

3. Remove two screws **(Figure 21, item 1)** and gear reducer output shaft cover and bracket **(Figure 21, item 2)**.

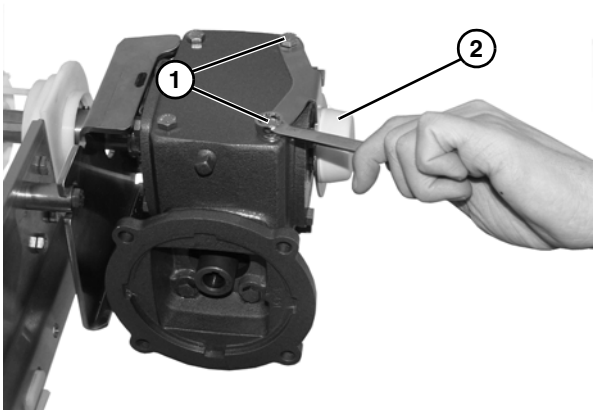


Figure 21

4. Use a hex key wrench **(Figure 22, item 1)** to remove set screws on both bearings **(Figure 22, item 2)**. Slide gear reducer and mounting bracket **(Figure 22, item 3)** from spacer **(Figure 22, item 4)** on conveyor.

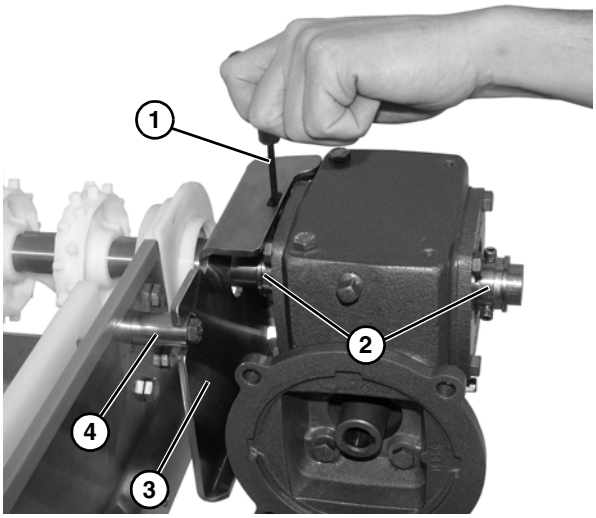


Figure 22

5. Remove gear reducer assembly from conveyor shaft **(Figure 23, item 1)**, making sure to not lose key on conveyor shaft.

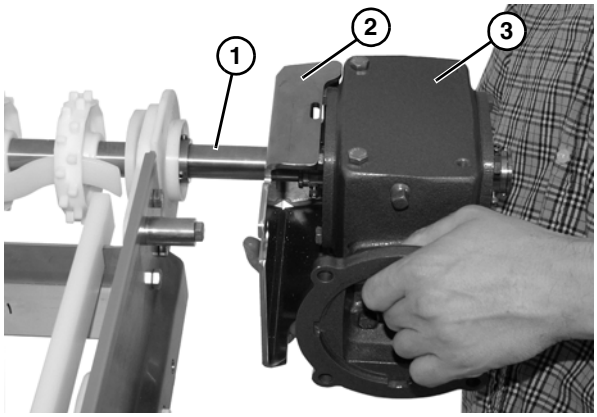


Figure 23

6. Remove screws and mounting bracket **(Figure 23, item 2)** from gear reducer **(Figure 23, item 3)**.
7. To install components, complete steps 3 through 9 of "US Version Side Drive Package" on page 7".

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 terminal box screws **(Figure 24, item 1)** and remove cover **(Figure 24, item 2)**.

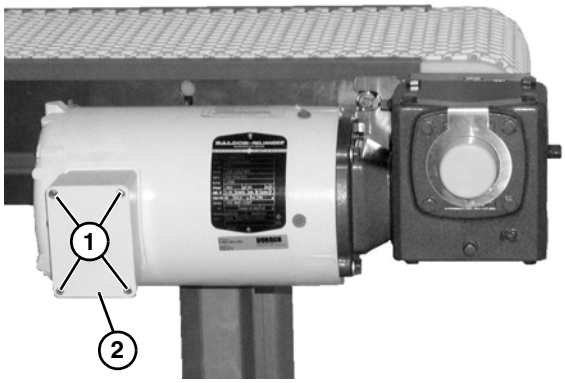


Figure 24

2. Refer to the wiring diagram **(Figure 25, item 1)** on the inside of the junction box cover.

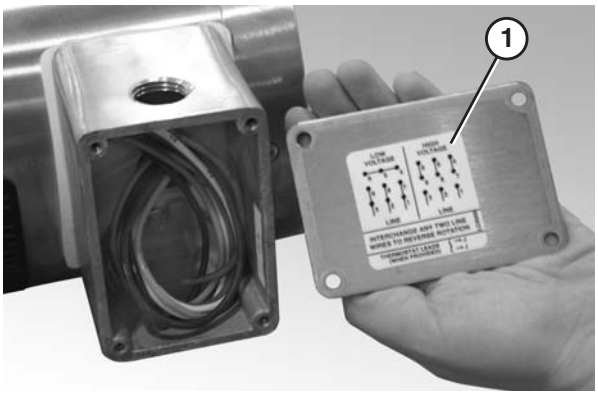


Figure 25

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 four bolts **(Figure 26, item 1)** securing motor **(Figure 26, item 2)** to gear reducer **(Figure 26, item 3)**.

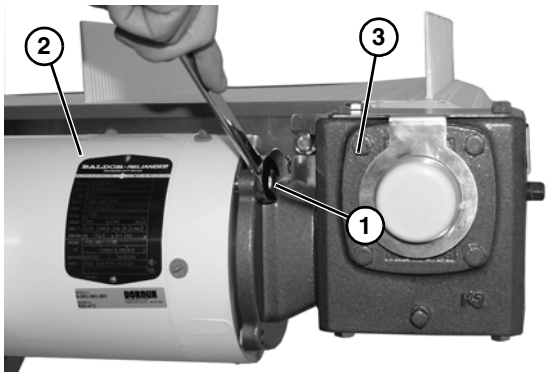


Figure 26

6. Slide motor **(Figure 27, item 1)** off of gear reducer **(Figure 27, item 2)**, and remove shaft key **(Figure 27, item 3)** from motor shaft **(Figure 27, item 4)**.

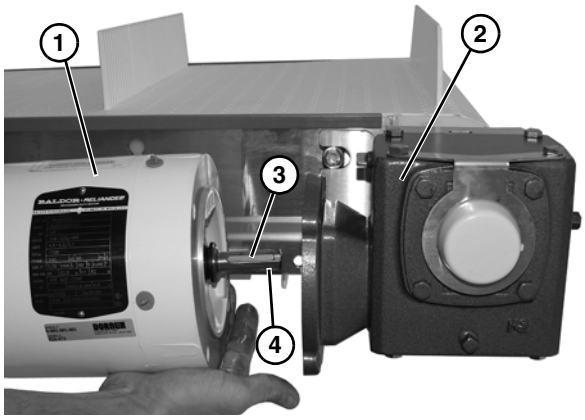


Figure 27

NOTE

Be sure to retain the motor output shaft key.

7. With key **(Figure 27, item 3)** in keyway on motor shaft **(Figure 27, item 4)**, slide new motor **(Figure 27, item 1)** and gear reducer **(Figure 27, item 2)** together.

8. Secure motor **(Figure 28, item 1)** to gear reducer **(Figure 28, item 2)**, with four bolts **(Figure 28, item 3)**.

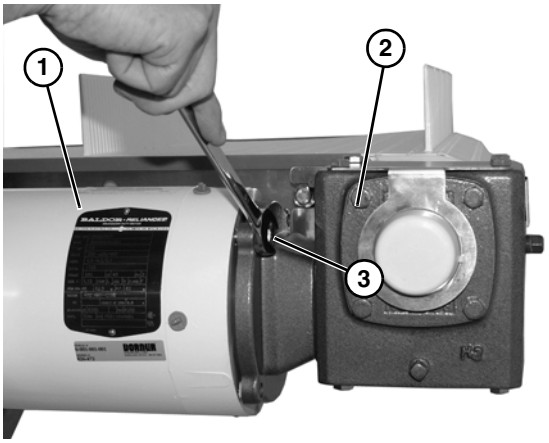


Figure 28

9. Tighten four bolts **(Figure 28, item 3)** to 65 in–lbs (7.3 N–m).
10. Rewire the motor and attach the box cover.

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.

1. Remove socket head screw **(Figure 29, item 1)** and gear reducer end cap **(Figure 29, item 2)**.

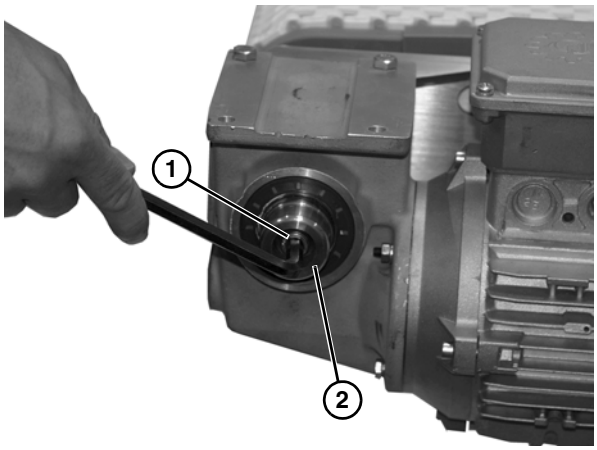


Figure 29

⚠ WARNING

CRUSH HAZARD!

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

2. Remove four screws **(Figure 30, item 1)** attaching gearmotor assembly **(Figure 30, item 2)** from mounting bracket **(Figure 30, item 3)**.

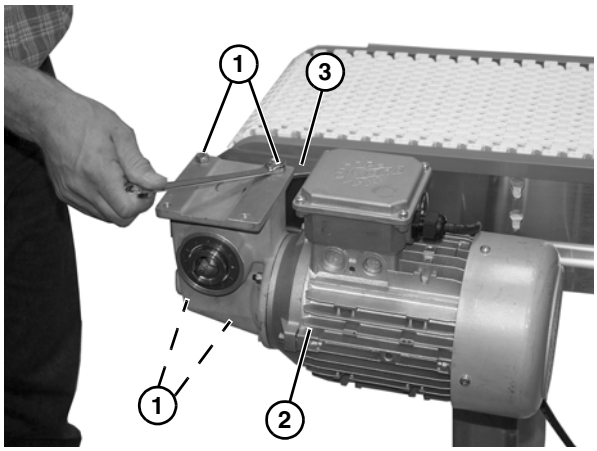


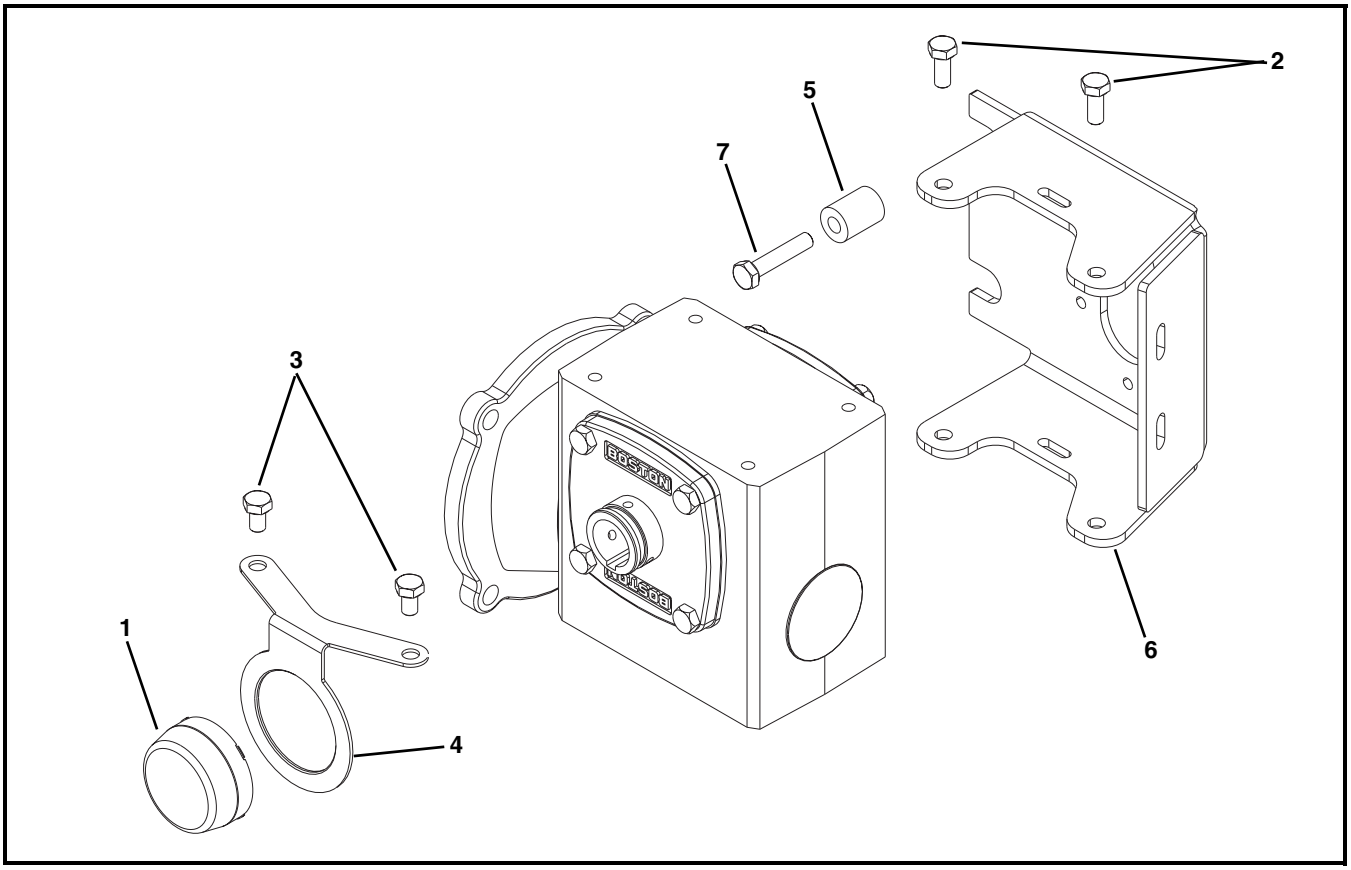
Figure 30

3. Remove gearmotor assembly from shaft and bracket.
4. Retain key on gearmotor shaft.
5. Replace gearmotor assembly in reverse order of removal. Tighten four screws to secure.
6. Install end cap with socket head screw.

US Version Side Mount Drive Package for 90° Gearmotors

NOTE

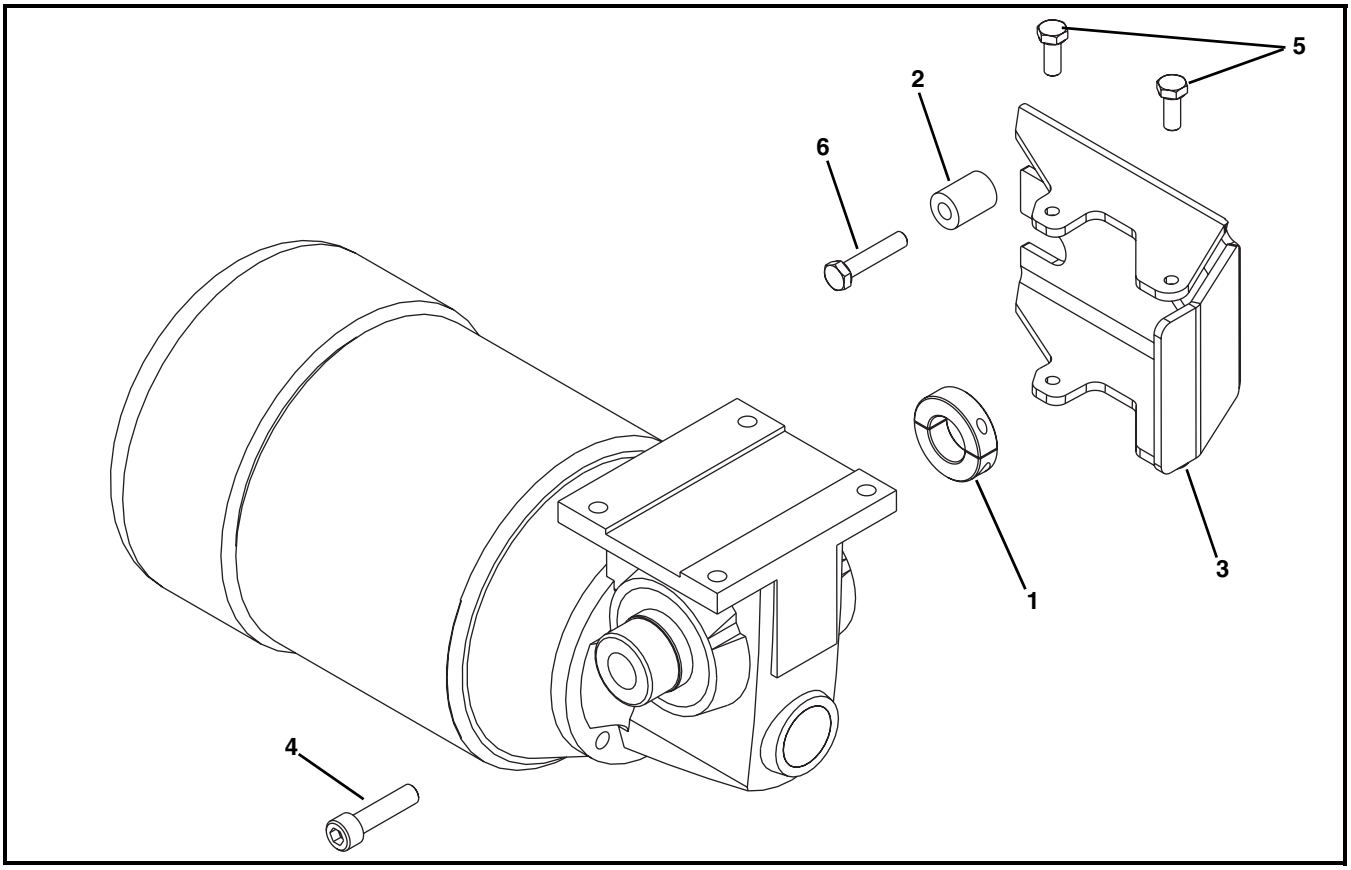
For replacement parts other than those shown in this section, contact an authorized Dorner Service Center or the factory. Key Service Parts and Kits are identified by the Performance Parts Kits logo . Dorner recommends keeping these parts on hand.



Item	Part Number	Description
1	807-1454	Cover
2	906-061SS	Hex Head Cap Screw 5/16-18 x .75"
3	906-067SS	Hex Head Cap Screw 5/16-18 x .50"
4	500492	Cover Bracket
5	532146	Support Arm
6	532148	Mounting Bracket
7	960840MSS	Hex Head Cap Screw M8-1.25 x 40 mm

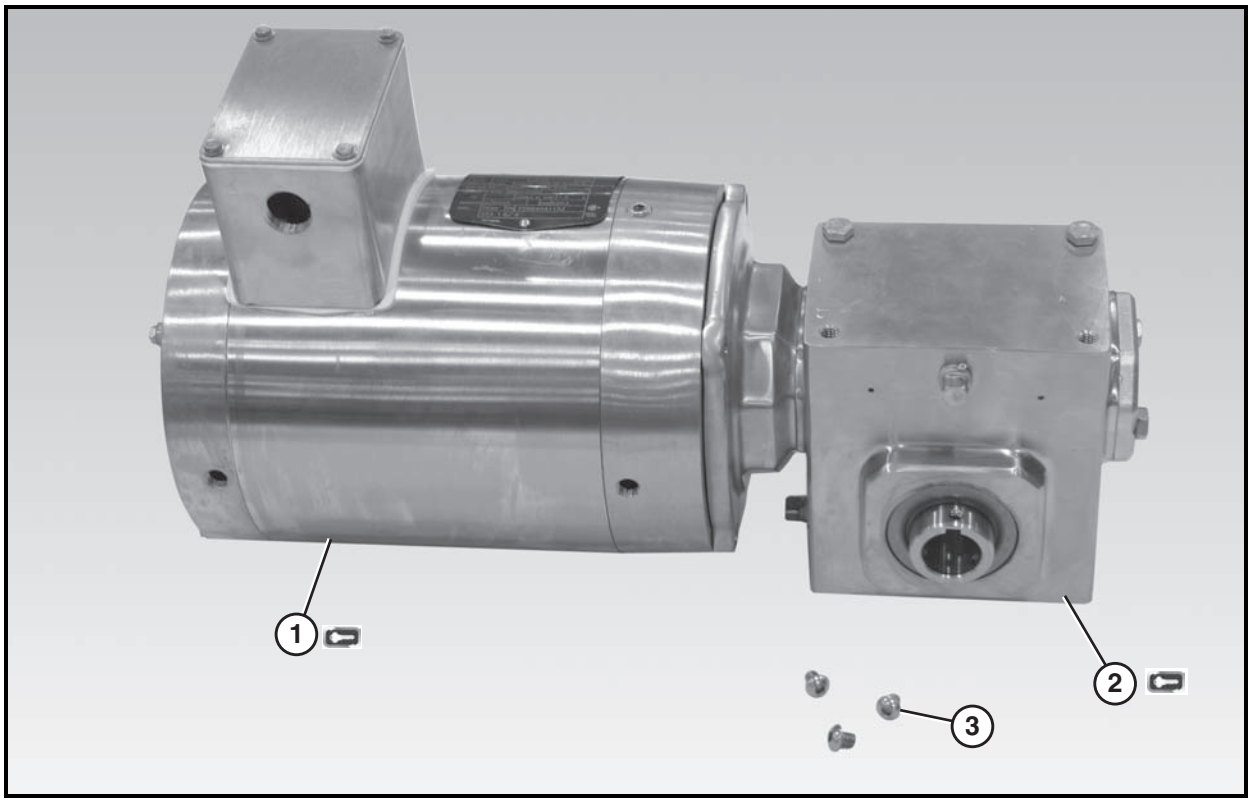
Service Parts

CE Version Side Mount Drive Package for 90° Gearmotors



Item	Part Number	Description
1	807-1817	Collar Clamp
2	532146	Support Arm
3	532290	Mounting Bracket
4	921040MSS	Socket Head Screw, M10-.50 x 40 mm
5	960820MSS	Hex Head Cap Screw, M8-1.25 x 20 mm
6	960840MSS	Hex Head Cap Screw, M8-1.25 x 40 mm

US Version Gearmotor Assembly

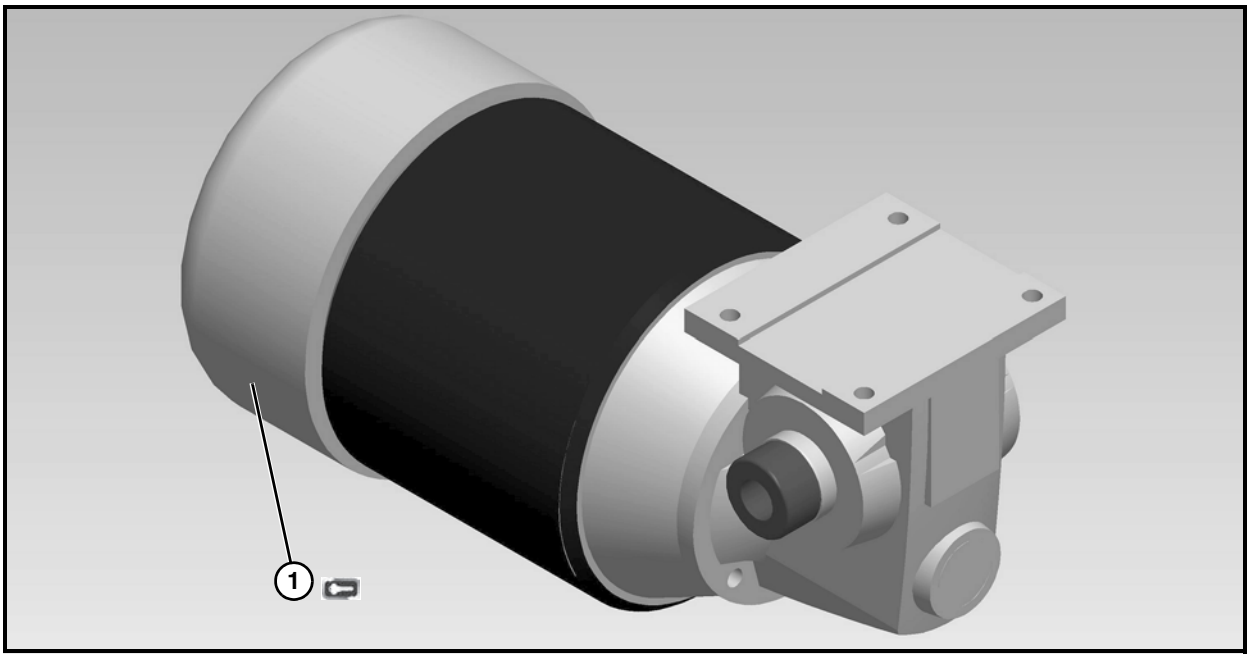


Item	Part Number	Description
1	62MZ411	Painted Motor, 0.50 Hp (0.37Kw) 115 Volts, 60Hz, 1 Phase
	62MZ423	Painted Motor, 0.50 Hp (0.37Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MHS423-10	Painted Motor, 1.00 Hp (0.74Kw) 208-230/460 Volts, 6 to 60Hz, 3 Phase
	74MHS423-15	Painted Motor, 1.50 Hp (1.11Kw) 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 .25 for Painted Gearmotor
	916-126	Stainless Steel Button Head Cap Screw 1/4-20 x .31 for Stainless Steel Gearmotor

Service Parts

CE Version Gearmotor Assembly



Item	Part Number	Description
1	73U060HS423FN	Gearmotor, Fixed Speed, 0.37 Kw 230/400V 3 Phase, 50 Hz, 23 RPM
	73U030HS423FN	Gearmotor, Fixed Speed, 0.75 Kw 230/400V 3 Phase, 50 Hz, 46 RPM
	73U025HS423FN	Gearmotor, Fixed Speed, 0.75 Kw 230/400V 3 Phase, 50 Hz, 55 RPM
	73U015HS423FN	Gearmotor, Fixed Speed, 1.12 Kw 230/400V 3 Phase, 50 Hz, 93 RPM
	73U010HS423FN	Gearmotor, Fixed Speed, 1.12 Kw 230/400V 3 Phase, 50 Hz, 140 RPM
	73U007HS423FN	Gearmotor, Fixed Speed, 1.49 Kw 230/400V 3 Phase, 50 Hz, 186 RPM
	73U005HS423FN	Gearmotor, Fixed Speed, 1.49 Kw 230/400V 3 Phase, 50 Hz, 279 RPM
	73U060HS423EN	Gearmotor, Variable Speed, 0.37 Kw 230/400V 3 Phase, 12-80 Hz, 37 RPM
	73U030HS423EN	Gearmotor, Variable Speed, 0.75 Kw 230/400V 3 Phase, 12-80 Hz, 74 RPM
	73U025HS423EN	Gearmotor, Variable Speed, 0.75 Kw 230/400V 3 Phase, 12-80 Hz, 88 RPM
	73U015HS423EN	Gearmotor, Variable Speed, 1.12 Kw 230/400V 3 Phase, 12-80 Hz, 149 RPM
	73U010HS423EN	Gearmotor, Variable Speed, 1.12 Kw 230/400V 3 Phase, 12-80 Hz, 224 RPM
	73U007HS423EN	Gearmotor, Variable Speed, 1.49 Kw 230/400V 3 Phase, 12-80 Hz, 298 RPM

Notes

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 Teams 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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