

JET

GHD-27

GHD-27PF

METALWORKING

Gear Head Drill Press

50000406T/50000407T

400/50/3

PARTS LIST

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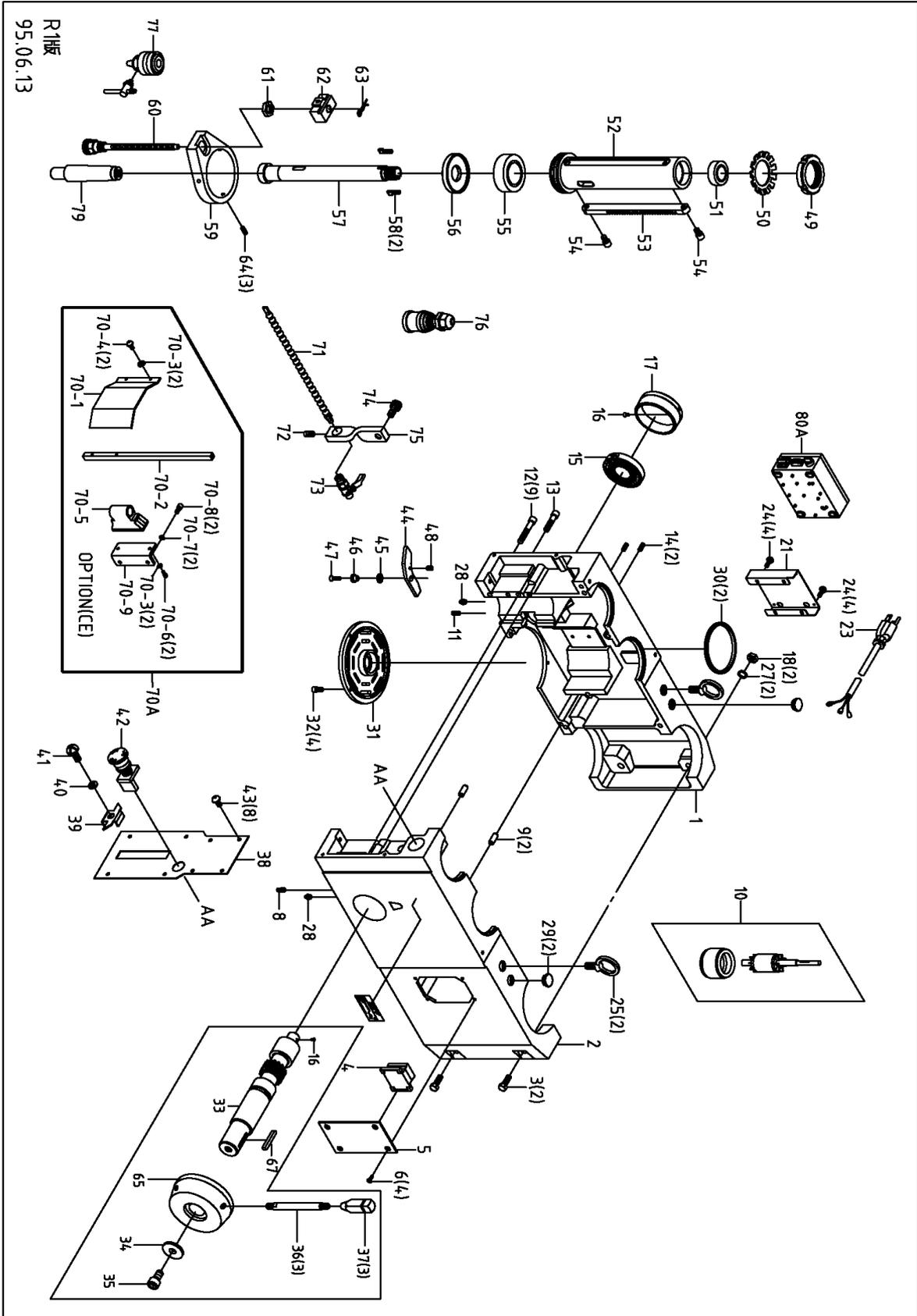
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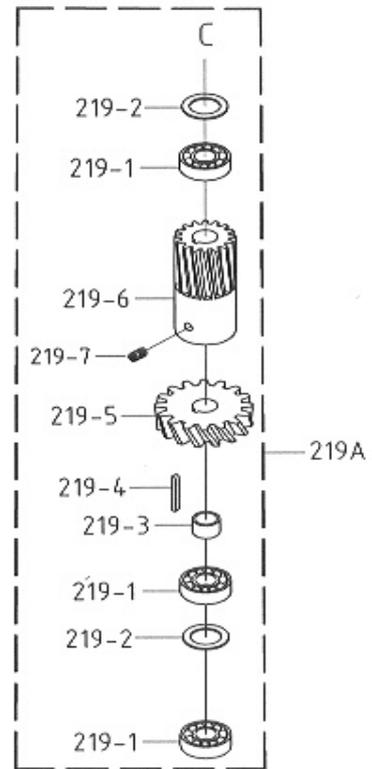
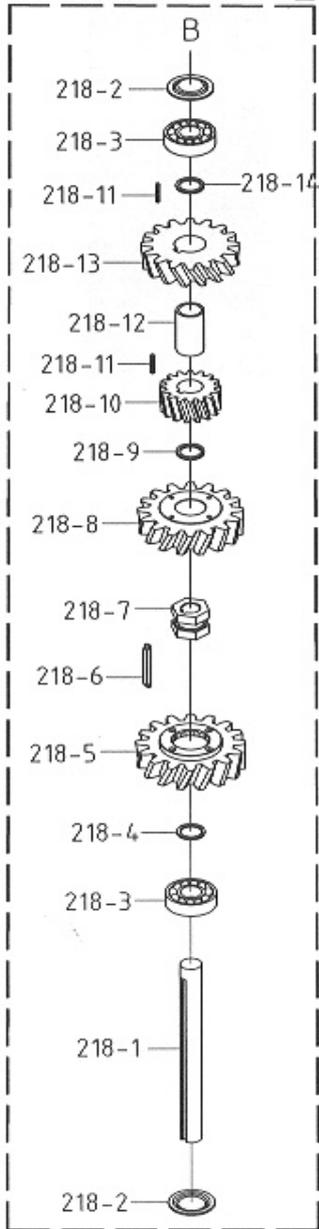
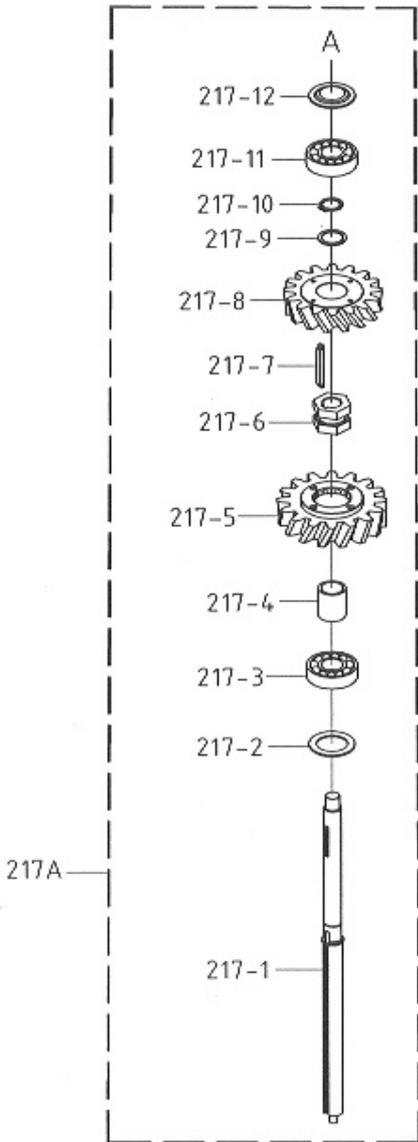
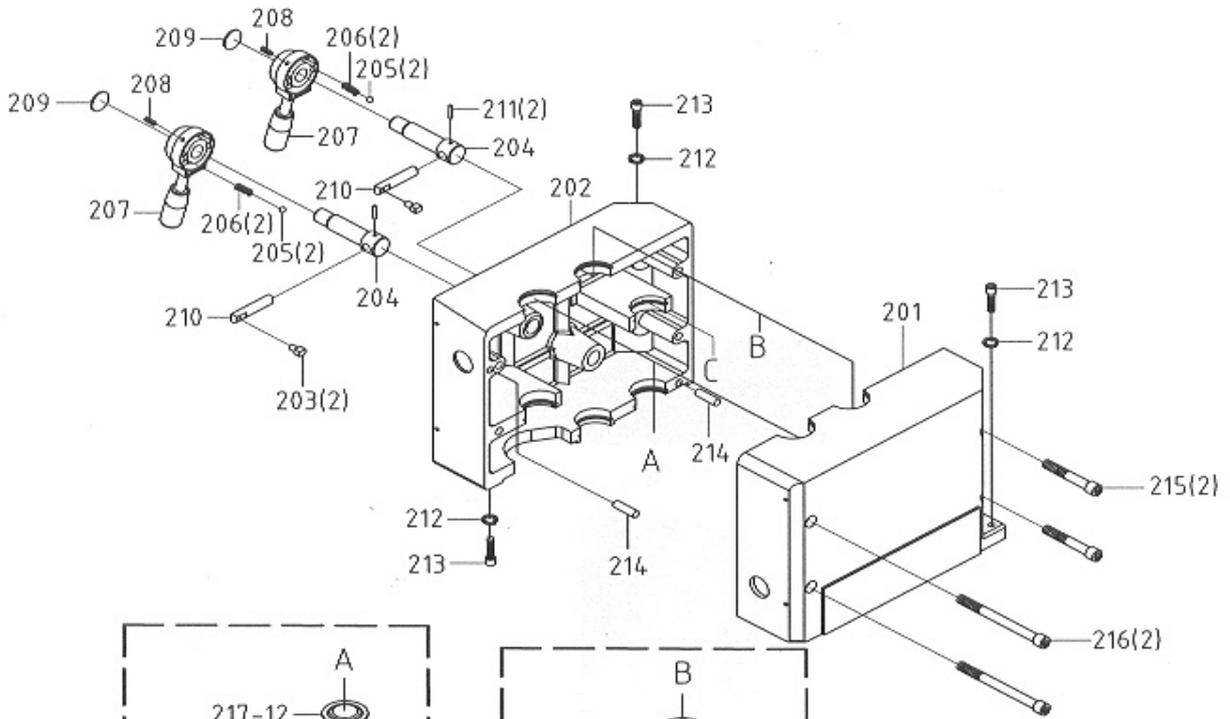
P- 50000406T/50000407T

2017/06/22

Breakdown for GHD-27/GHD-27PF Transmission Assembly



Breakdown for GHD-27 /GHD-27PF Transmission Assembly



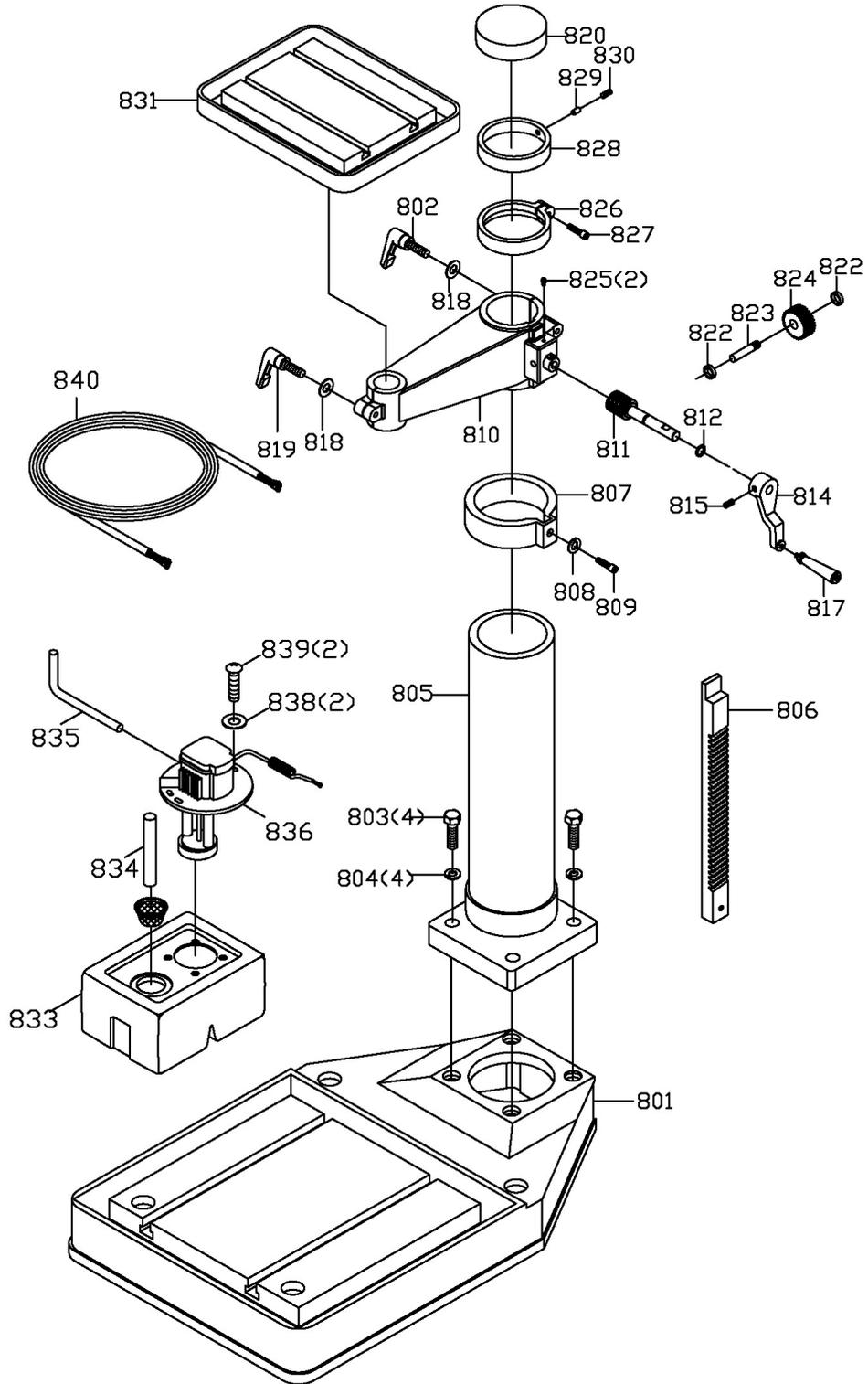
**Parts List for GHD-27/GHD-27PF
Transmission & Head Assembly**

Index No.	Part No.	Description	Size	Qty.
1.....	GHD27-01.....	Head Body(Right).....		1
2.....	GHD27-02.....	Head Body(Left).....		1
3.....	GHD22-03.....	Hex. Head Screw.....	M12x140.....	2
4.....	GHD27-04.....	Contactora.....		1
5.....	GHD27-05.....	Cover.....		1
6.....	GHD27-06.....	Flat Cross Head Screw.....	M4x10.....	4
8.....	GHD22-08.....	Hex. Socket Headless Screw.....	M6x15.....	1
9.....	GHD22-09.....	Pin.....	ø 8x28.....	2
10.....	GHD27-10AE.....	Motor.....	2HP/400V/3PH.....	1
11.....	GHD22-11.....	Hex. Socket Headless Screw.....	M8x20.....	1
12.....	GHD22-12.....	Hex. Socket Head Screw.....	M8x90.....	9
13.....	GHD22-13.....	Hex. Socket Head Screw.....	M8x70.....	1
14.....	GHD22-14.....	Hex. Socket Headless Screw.....	M6x10.....	2
15.....	GHD22-15.....	Spring.....		1
16.....	GHD22-16.....	Flat Cross Head Screw.....	M4x5.....	1
17.....	GHD22-17.....	Spring Cover.....		1
18.....	GHD22-18.....	Hex. Nut.....	M12.....	2
21.....	GHD27-21.....	Control Box Base.....		1
23.....	GHD27-23.....	Motor Cable.....		1
24.....	GHD22-24.....	Cross Round Head Screw.....	M5x10.....	4
25.....	GHD22-25.....	Retainer Ring.....		2
27.....	GHD22-27.....	Spring Washer.....	M12.....	2
28.....	GHD22-28.....	Oil Nozzle.....	PT1/8".....	2
29.....	GHD27-29.....	Plug.....		2
30.....	GHD22-30.....	Bushing.....		2
31.....	GHD22-31.....	Cover.....		1
32.....	GHD22-32.....	Hex. Socket Head Screw.....	M5x15.....	4
33.....	GHD22-33.....	Pinion Shaft.....		1
34.....	GHD22-34.....	Washer.....		1
35.....	GHD22-35.....	Hex. Socket Head Screw.....	M6x25.....	1
36.....	GHD22-36.....	Handle.....		3
37.....	GHD22-37.....	Knob.....		3
38.....	GHD27-38.....	Name Plate.....		1
39.....	GHD22-39.....	Limit Plate.....		1
40.....	GHD22-40.....	Spring.....		1
41.....	GHD22-41.....	Plum Screw.....		1
42.....	GHD27-42.....	Emergency Switch.....		1
43.....	GHD22-43.....	Hex. Socket Head Screw.....	M4x10.....	8
44.....	GHD22-44.....	Bracket.....		1
45.....	GHD22-45.....	Washer.....	ø 11x ø 18x1t.....	1
46.....	GHD22-46.....	Fixed Shaft.....		1
47.....	GHD22-47.....	Flat Cross Head Screw.....	M5x16.....	1
48.....	GHD22-48.....	Steel Ball.....	M8.....	1
49.....	GHD22-49.....	Hex. Nut.....	M25.....	1
50.....	GHD22-50.....	Washer.....		1
51.....	GHD22-51.....	Bearing.....	6205ZZ.....	1
52.....	GHD22-52.....	Rack Sleeve.....	MT3.....	1
53.....	GHD22-53.....	Rack.....		1
54.....	GHD22-54.....	Hex. Socket Head Screw.....	M8x10.....	2
55.....	GHD22-55.....	Bearing.....	320088.....	1
56.....	GHD22-56.....	Bushing.....		1
57.....	GHD22-57.....	Spindle Shaft.....	MT3.....	1
58.....	GHD22-58.....	Key.....		2

Index No.	Part No.	Description	Size	Qty.
59.....	GHD22-59.....	Feed Base.....		1
60.....	GHD22-60.....	Bracket.....		1
61.....	GHD22-61.....	Depth Gauge Rod.....		1
62.....	GHD22-62.....	E-Retainer Ring.....		1
63.....	GHD22-63.....	Hex. Socket Head Screw.....	M6x20.....	1
64.....	GHD22-64.....	Hex. Socket Headless Screw.....	M6x10.....	4
65.....	GHD22-65.....	Handle Body.....		1
67.....	GHD22-67.....	Key.....	6x6x30L.....	1
70A.....	GHD22-70A.....	Chuck Guard Assembly (# 70-1 to # 70-9).....		1
70-1.....	GHD22-72-1.....	Chuck Guard.....		1
70-2.....	GHD22-72-2.....	Chuck Guard Supporting Rod.....		1
70-3.....	GHD22-72-3.....	Spring Washer.....	M5.....	4
70-4.....	GHD22-72-4.....	Hex. Socket Head Screw.....	M5x10.....	2
70-5.....	GHD22-72-5.....	Rotary Supporting Base.....		1
70-6.....	GHD22-72-6.....	Hex. Socket Head Screw.....	M5x15.....	2
70-7.....	GHD22-72-7.....	Spring Washer.....	M6.....	2
70-8.....	GHD22-72-8.....	Hex. Socket Head Screw.....	M6x15.....	2
70-9.....	GHD22-72-9.....	Switch Base.....		1
70-10.....	GHD22-72-10.....	Limit Switch Assembly.....		1
71.....	GHD27-71.....	Jet Nozzle.....		1
72.....	GHD27-72.....	Hex. Socket Headless Screw.....	M6x8L.....	1
73.....	GHD27-73.....	Valve.....		1
74.....	GHD27-74.....	Hex. Socket Head Screw.....	M8x16L.....	1
75.....	GHD27-75.....	Valve.....		1
76.....	GHD27-76.....	Power Head.....		1
77.....	GHD22-77.....	Keyless Chuck.....	B16 16mm.....	1
79.....	GHD22-79.....	Chuck Arbor MT3/B16.....		1
80A.....	GHD27-80AE.....	Electrical Box Assembly.....		1
201.....	GHD22-201.....	Gear Box.....		1
202.....	GHD22-202.....	Gear Box.....		1
203.....	GHD22-203.....	Change Gear Lever.....		2
204.....	GHD22-204.....	Lever Shaft.....		2
205.....	GHD22-205.....	Steel Ball.....		4
206.....	GHD22-206.....	Spring.....		4
207.....	GHD22-207.....	Speed Lever.....		2
208.....	GHD22-208.....	Screw.....	M5x12.....	2
209.....	GHD22-209.....	Cover.....		2
210.....	GHD22-210.....	Gear Selector Finger.....		2
211.....	GHD22-211.....	Spring Pin.....	ø 3x20.....	2
212.....	GHD22-212.....	Spring Washer.....	M6.....	3
213.....	GHD22-213.....	Hex. Socket Head Screw.....	M6*1.0-25.....	3
214.....	GHD22-214.....	Pin.....	ø 8x25.....	2
215.....	GHD22-215.....	Hex. Socket Head Screw.....	M8x70.....	2
216.....	GHD22-216.....	Hex. Socket Head Screw.....	M8x90.....	2
217A.....	GHD22-217A.....	Spindle Shaft Assembly(#217-1to #217-12).....		1
217-1.....	GHD22-217-1.....	Spindle Shaft.....		1
217-2.....	GHD22-217-2.....	Washer.....	ø 44x ø 30x2t.....	1
217-3.....	GHD22-217-3.....	Bearing.....	6203ZZ.....	1
217-4.....	GHD22-217-4.....	Bushing.....		1
217-5.....	GHD22-217-5.....	Gear Set.....		1
217-6.....	GHD22-217-6.....	Speed Change Bracket.....		1
217-7.....	GHD22-217-7.....	Key.....	5x5*53.....	1
217-8.....	GHD22-217-8.....	Gear Set.....		1
217-9.....	GHD22-217-9.....	Washer.....	ø 25x ø 18x2t.....	1
217-10.....	GHD22-217-10.....	C-Retainer Ring.....		1
217-11.....	GHD22-217-11.....	Bearing.....	6302ZZ.....	1

Index No.	Part No.	Description	Size	Qty.
217-12.	GHD22-217-12.....	Bearing Cap.....		1
218A...	GHD22-218A.....	Shaft Assembly(#218-1 to #218-14).....		1
218-1...	GHD22-218-1.....	Shaft.....		1
218-2...	GHD22-218-2.....	Bearing Cap.....		2
218-3...	GHD22-218-3.....	Bearing.....	6203ZZ.....	2
218-4...	GHD22-218-4.....	Bushing.....		1
218-5...	GHD22-218-5.....	Gear Set.....		1
218-6...	GHD22-218-6.....	Key.....	5x5x53.....	1
218-7...	GHD22-218-7.....	Speed Change Bracket.....		1
218-8...	GHD22-218-8.....	Gear Set.....		1
218-9...	GHD22-218-9.....	Bushing.....		1
218-10.	GHD22-218-10.....	Gear.....		1
218-11.	GHD22-218-11.....	Key.....	5x5x20.....	2
218-12.	GHD22-218-12.....	Bushing.....		1
218-13.	GHD22-218-13.....	Gear.....		1
218-14.	GHD22-218-14.....	Bushing.....		1
219A...	GHD22-219A.....	Gear Assembly(#219-1 to #219-7).....		1
219-1...	GHD22-219-1.....	Bearing.....	6203ZZ.....	3
219-2...	GHD22-219-2.....	Washer.....	ø 44x ø 30x2t.....	2
219-3...	GHD22-219-3.....	Bushing.....		1
219-4...	GHD22-219-4.....	Key.....	5x5x40.....	1
219-5...	GHD22-219-5.....	Gear.....		1
219-6...	GHD22-219-6.....	Gear.....		1
219-7...	GHD22-219-7.....	Hex. Socket Headless Screw.....	M4x5.....	1

Breakdown for GHD-27/GHD-27PF Table, Base, and Column Assembly



**Parts List for GHD-27/GHD-27PF
Table, Base, and Column Assembly**

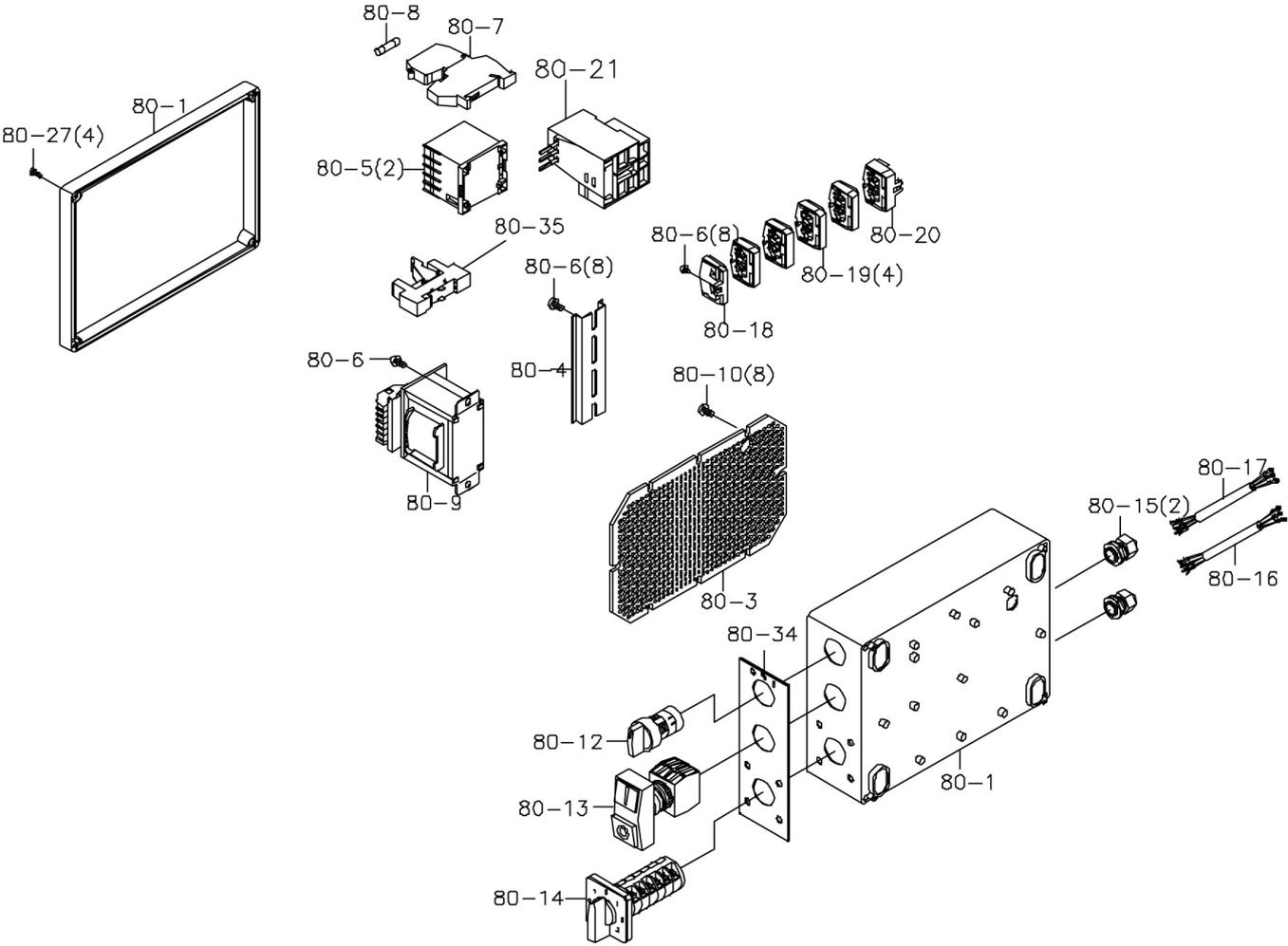
Index No.	Part No.	Description	Size	Qty.
801.....	GHD27-801.....	Swivel Base.....		1
802.....	GHD22-802.....	Knob.....	M12x70.....	1
803.....	GHD22-803.....	Hex. Head Screw.....	M12x50.....	4
804.....	GHD22-804.....	Spring Washer.....	M12.....	4
805.....	GHD27-805.....	Column.....		1
806.....	GHD22-806.....	Rack.....		1
807.....	GHD27-807.....	Column Flange Ring.....		1
808.....	GHD22-808.....	Spring Washer.....	M6.....	1
809.....	GHD22-809.....	Hex. Socket Head Screw.....	M6x15.....	1
810.....	GHD27-810.....	Square Table Base.....		1
811.....	GHD22-811.....	Worm Shaft.....		1
812.....	GHD22-812.....	Bushing.....		1
814.....	GHD22-814.....	Head Handle.....		1
815.....	GHD22-815.....	Hex. Socket Headless Screw.....	3/8"x1/2".....	1
817.....	GHD22-817.....	Clamp Handle.....		1
818.....	GHD22-818.....	Washer.....	M12.....	2
819.....	GHD22-819.....	Knob.....	M12x50.....	1
820.....	GHD22-820.....	Column Head Assembly.....		1
822.....	GHD22-822.....	Bushing.....	ø 20x ø 5x5.....	2
823.....	GHD22-823.....	Worm Shaft.....		1
824.....	GHD22-824.....	Gear.....		1
825.....	GHD22-825.....	Oil Nozzle.....	PT1/8".....	2
826.....	GHD27-826.....	Bearing Cover.....		1
827.....	GHD22-827.....	Hex. Socket Head Screw.....	M8x30.....	1
828.....	GHD27-828.....	Head Body Base.....		1
829.....	GHD22-829.....	Washer.....		2
830.....	GHD22-830.....	Hex. Socket Headless Screw.....	3/8"x1/2".....	2
831.....	GHD22-831.....	Square Working Table.....		1
833.....	GHD27-833.....	Coolant Tank.....		1
834.....	GHD27-834.....	Hose.....		1
835.....	GHD27-835.....	Hose.....		1
836.....	GHD27-836E.....	Pump 400/50/1.....		1
838.....	GHD27-838.....	Washer.....	1/4"*16*1.5t.....	2
839.....	GHD27-839.....	Cross Round Head Screw.....	1/4"*3/4"L.....	42
840.....	GHD27-840.....	Pump cable.....		1

**Parts List for the GHD-27PF
Power Feed Assembly**

Index No.	Part No.	Description	Size	Qty.
501.....	TS-1504021.....	Socket Head Cap Screw.....	M8x12.....	1
502.....	TS-1550061.....	Flat Washer.....	M8.....	1
503.....	GHD27PF-503.....	Handle Body.....		1
504.....	GHD27PF-504.....	Handle Rod Pin.....		2
505.....	GHD27PF-505.....	Graduated Base Fixed Grip.....		1
506.....	GHD27PF-506.....	Fixed Screw.....	5/16"x3/4"L.....	1
507.....	TS-0561021.....	Hex. Nut.....	5/16".....	1
508.....	GHD27PF-508.....	Handle Rod.....		2
509.....	GHD22-037.....	Knob.....		2
510.....	GHD27PF-510.....	T-Screw.....		1
511-1..	GHD27PF-511-1.....	Scale Base.....		1
511-2..	GHD27PF-511-2.....	Pin.....	ø 5.....	1
512-1..	GHD27PF-512-1.....	Clutch Bushing.....		1
512-2..	GHD27PF-512-2.....	Bushing Stop.....		1
512-3..	GHD27PF-512-3.....	Bushing Pin.....		1
	GHD27PF-511SSA.....	Scale Seat Assembly (#511- #512, #503- #504)		1
513.....	GHD27PF-513.....	Release Block.....		1
514.....	GHD27PF-514.....	Pin.....		1
516.....	GHD27PF-516.....	Socket Head Cap Screw.....	M8x85.....	6
517.....	GHD27PF-517.....	Feed Label.....		1
518.....	GHD27PF-518.....	Speed Lever.....		2
519.....	TS-1522061.....	Socket Set Screw.....	M5x20.....	2
520.....	GHD27PF-520.....	Gear Shaft.....		1
521.....	GHD27PF-521.....	Cross Round Head Screw.....	M4x10.....	4
523.....	GHD27PF-523.....	Cover Plate.....		1
524.....	GHD27PF-524.....	Pin.....		2
525.....	GHD27PF-525.....	Gear Box.....		1
526.....	TS-1523031.....	Socket Set Screw.....	M6x10.....	2
527.....	GHD27PF-527.....	Scale.....		1
528.....	GHD27PF-528.....	Rivet.....	ø 2x4L.....	2
530.....	TS-1550061.....	Flat Washer.....	M8.....	1
531.....	TS-1504041.....	Socket Head Cap Screw.....	M8x10.....	1
532.....	GHD27PF-532.....	Shaft.....		1
533.....	GHD27PF-533.....	Pin.....	ø 5x14.....	1
534.....	GHD27PF-534.....	Spring.....		1
535.....	GHD27PF-535.....	Key.....		1
536.....	GHD27PF-536.....	C-Retainer Ring.....	S25.....	1
537.....	GHD27PF-537.....	Gear.....		1
538.....	GHD27PF-538.....	Bushing.....		3
539.....	GHD27PF-539.....	Gear.....		1
540.....	GHD27PF-540.....	Gear.....		1
541.....	GHD27PF-541.....	Gear.....		1
542.....	GHD57PF-542.....	Bushing.....		1
543.....	GHD27PF-543.....	C-Retainer Ring.....	R42.....	1
544.....	GHD27PF-544.....	Bearing.....	4905.....	1
545.....	GHD27PF-545.....	Worm Shaft.....		1
546.....	GHD27PF-546.....	Bearing.....	5203.....	1
547.....	GHD27PF-547.....	C-Retainer Ring.....	S17.....	1
548.....	GHD27PF-548.....	C-Retainer Ring.....	R40.....	1
549.....	GHD27PF-549.....	Bushing.....		1

Index No.	Part No.	Description	Size	Qty.
550.....	TS-1503031.....	Socket Head Cap Screw.....	M6x20.....	3
551.....	GHD27PF-551.....	C-Retainer Ring.....	R40.....	1
552.....	BB-6203ZZ.....	Ball Bearing.....	6203ZZ.....	2
553.....	GHD27PF-553.....	C-Retainer Ring.....	S25.....	2
554.....	GHD27PF-554.....	Bushing.....		3
555.....	GHD27PF-555.....	Gear.....		1
556.....	GHD27PF-556.....	Gear.....		1
557.....	GHD27PF-557.....	Gear.....		1
558.....	GHD27PF-558.....	Gear.....		1
559.....	GHD27PF-559.....	Shaft.....		1
560.....	GHD27PF-560.....	Key.....		2
561.....	GHD27PF-561.....	Key.....		1
562.....	GHD27PF-562.....	C-Retainer Ring.....	S25.....	2
563.....	GHD27PF-563.....	Gear.....		1
564.....	GHD27PF-564.....	Key.....	5x5x15L.....	1
565.....	GHD27PF-565.....	Clutch.....		1
566.....	GHD27PF-566.....	C-Retainer Ring.....	R40.....	1
567.....	BB-6203ZZ.....	Ball Bearing.....	6203ZZ.....	2
568.....	GHD27PF-568.....	Gear Shaft.....		1
569.....	GHD27PF-569.....	Spacer.....		1
.....	GHD27PF-570CSA... ..	Clutch Seat Assembly (#570-1 to #577).....		1
570-1	GHD27PF-570-1.....	Clutch Nut.....		1
570-2	GHD27PF-570-2.....	Clutch Screw.....		1
571.....	GHD27PF-571.....	C-Retainer Ring.....	S25.....	1
572.....	GHD27PF-572.....	Clutch Key Base Set.....		1
572-1	GHD27PF-572-1.....	Clutch Key Base.....		1
572-2	GHD27PF-572-2.....	Spring Pin.....		2
572-3	GHD27PF-572-3.....	Clutch Key Pin.....		2
573.....	GHD27PF-573.....	Clutch Key.....		2
574.....	GHD27PF-574.....	Spring.....		2
575.....	GHD27PF-575.....	E-Retainer Ring.....	E5.....	2
576.....	GHD27PF-576.....	Worm Gear.....		1
577.....	GHD27PF-577.....	Gear Cover.....		1
578.....	GHD27PF-578.....	Spring Washer.....	M6.....	3
579.....	TS-1503041.....	Socket Head Cap Screw.....	M6x15L.....	3
580.....	GHD27PF-580.....	Pinion Shaft.....		1
581.....	GHD27PF-581.....	Key.....		2
582.....	GHD27PF-582.....	Flat Cross Head Screw.....	M4x10L.....	1
583.....	GHD27PF-583.....	Spring.....		1
584.....	GHD27PF-584.....	Pinion Shaft.....		1
585.....	GHD27PF-585.....	Key.....	4x4x20L.....	2
586.....	GHD27PF-586.....	Label for Clutch.....		1
587.....	GHD27PF-587.....	Spring.....		2
588.....	GHD27PF-588.....	Steel Ball.....	ø 8.....	2
589.....	BB-6202ZZ.....	Ball Bearing.....	6202ZZ.....	1
590.....	GHD27PF-590.....	Fixed bracket.....		1
591.....	GHD27PF-591.....	Flat Cross Head Screw.....	M5x10L.....	3

Breakdown for GHD-27 /GHD-27PF Electrical Box Assembly



**Parts List for GHD-27/GHD-27PF
Electrical Box Assembly**

Index No.	Part No.	Description	Size	Qty.
80-1	GHD27-80-1	Switch Box		1
80-3	GHD27-80-2	Base Plate		1
80-4	GHD27-80-3	Bracket		1
80-5	GHD27-80-4	Magnetic Contactor		1
80-6	GHD27-80-5	Cross Round Head Screw	M4x10	8
80-7	GHD27-80-6	Fuse Block		1
80-8	GHD27-80-7	Fuse Wirt		1
80-9	GHD27-80-8	Transformer 400V/24V	0.7Kg, 20VA	1
80-10	GHD27-80-9	Cross Round Head Screw	M5x10	8
80-12	GHD27-80-10	Select Switch		1
80-13	GHD27-80-11	2 Switch Button		1
80-14	GHD27-80-12	Switch		1
80-15	GHD27-80-13	Cable Setting Nut		2
80-16	GHD27-80-14	Pump cable		1
80-17	GHD27-80-15	Power cable		1
80-18	GHD27-80-16	Terminal Base		1
80-19	GHD27-80-17	Terminal Base		2
80-20	GHD27-80-18	Terminal Base Plate		1
80-21	GHD27-80-21	Overload		1
80-27	GHD27-80-19	Cross Round Head Screw	M4x15	4
80-34	GHD27-80-20	Switch Name Plate		1
80-35	GHD27-80-35	Relay		1
	GHD27-80AE	Electrical Box Complete Assembly (80/1-80/35)		1

GHD-27 GHD-27PF 400/50/3
50000406T 50000407T

	colour of strands	Litzenfarben	couleur des cordons
BK	black	schwarz	noir
BU	blue	blau	bleu
BN	brown	braun	brun
GY	grey	grau	gris
GNYE	green-yellow	grün-gelb	vert-jaune

	meaning of symbol	Bedeutung der Zeichen	interprétation
F	fuse	Sicherung	fusible
M	main motor	Hauptmotor	moteur principal
JUMP1	emergency stop	Not-Aus Schalter	arrêt d'urgence
JUMP2	Spindle guard	Räderdeckel	couvercle du ruban
SB1	off switch	Aus-Schalter	bouton arrêt
SB2	start switch	Ein-Schalter	bouton marche
SA1	pump switch	Kühlmittel-Schalter	commutateur pompe
KM1	contactor (motor)	Hauptschütz	contacteur principale
TR	transformer	Transformator	transformateur
SA2	2/4P switch	Schalter 2/4 polig	bouton 2/4 pole
KM2	contactor (pump)	Kühlmittel Hauptschütz	contacteur pompe
P	Coolant Pump	Kühlmittelmotor	moteur pompe
FR	Overload	Überlastschutz	interrupteur surcharge

