

A.ARM BED MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
A01	HA300B2090	Rubber plug	4	φ8.8
A02	HA300B2110	Rubber plug	1	φ5.7
A03	HA300B2170	Screw	4	
A04	HM22B18001	Arm side cover	1	
A05	H6029B8001	Gasket for arm side cover	1	
A06	HA307B0673	Rubber plug	3	φ11.8
A07	HA700F2100	Screw	1	SM11/64(40)×7
A08	H6017B8001	Thread guide	1	
A09	H6022B8001	Coil spring for upper feed lifting	2	
A10	H6023B8001	Stopper pin for upper feed lifting	2	
A11	H431040060	Set screw	2	GB/T80 M4×6
A12	H6025B8001	Dial for upper feed lifting	2	
A13	H6026B8001	Plate for upper feed lifting	1	
A14	HA309B0069	Oil check window	1	
A15	HA111G0683	Screw	8	SM11/64(40)×12
A16	H6015B8001	Top cover	1	
A17	H6016B8001	Gasket for top cover	1	
A18	H6030B8001	Rubber plug	2	
A19	H6031B8001	Rubber plug	1	
A20	H6032B8001	Rubber plug	1	
A21	H6020B8001	Upper feed lifting regulator cam	2	
A22	HA600C2020	Thread take-up cover	1	
A23	HA100B2110	Set screw	1	SM11/64(40)×5.5
A24	HA300B2100	Rubber plug	1	
A25	H005008060	Spring washer	3	GB/T93 6
A26	HA100B2220	Leg	3	
A27	HA710B0671	Pre-tension adjusting nut	1	SM11/64(40)
A28	HA710B0672	Thread tension spring	1	
A29	HA112B0693	Thread tension disc	2	
A30	HA710B0673	Thread tension stud	1	SM11/64(40)×31
A31	HA710B0674	Thread guide	1	
A32	HA106B0676	Screw	2	SM9/64(40)×6
A33	HA600B2050	Thread guide	1	
A34	HA300B2080	Set screw	1	SM15/64(28)×6.8
A35	HA300B2130	Screw	2	SM11/64(40)×5.5
A36	H2000B2040	Cloth guide plate	1	
A37	HA307B0674	Rubber plug	1	
A38	HA114I0674	Screw	1	SM9/64(40)×4.5
A39	HA500C2060	Thread guide	1	
A40	HA115B7011	O-ring	1	S15
A41	HA310B0703	Thread tension regulator bushing	1	
A42	HA806B0671	Thread take-up spring	1	
A43	H6725B8001	Thread releasing pin	1	

A.ARM BED MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
A44	HA806B0673	Thread tension stud	1	SM1/4(40)×49
A45	HA310B0705	Thread tension disc	2	
A46	HA310B0702	Thread tension releasing disc	1	
A47	H2206B0671	Thread tension spring	1	
A48	HA115B7010	Thumb nut revolution stopper	1	
A49	HA310B0701	Thumb nut	1	
A50	HA115B0708	Screw	1	SM9/64(40)×6
A51	HA607B0671	Thread guide	1	
A52	HA124B0713	Screw	2	SM3/32(56)×2.2
A53	HA124B0712	Plate spring for slide plate	1	
A54	H6812B8001	Slide plate	1	
A55	HA500B2030	Needle plate	1	
A56	H2000B2050	Screw	2	SM11/64(40)×8.85
A57	HA700B2030	Screw	2	SM11/64(40)×20
A58	H5341B8001	Screw	1	SM11/64(40)×26
A59	HM21B28001	Face plate	1	
A60	HM20B58001	Arm	1	
A61	H6027B8001	Plate for upper feed lifting	1	
A62	H6409B8001	Arm bed cover	1	
A63	H6410B8001	Gasket for arm bed cover	1	
A64	HA300B2160	Screw	5	SM11/64(40)×12
A65	HM22B27101	Screw	1	
A66	HA106B0676	Screw	1	SM9/64×40/6
A67	HM22B08001	Strap guide	1	
A68	H003001060	Nut	1	M6
A69	HM21B38001	Washer	1	
A70	H409060200	Screw	1	M6×20
A71	HM21B58001	Strap guide	1	
A72	H3410C301L	Screw	4	SM9/64(40)×4
A73	HM22B58001	Stopper	1	
A74	HA115B0702	Nut	1	SM1/4(40)
A75	HK810H8001	Spring	1	
A76	H7342G8001	Washer	1	
A77	HK809H8001	Screw	1	SM11/64(40)×7.5
A78	HK806H8001	Gauge bearing bracket stopper	1	
A79	H7362G8001	Washer	1	
A80	H6644C8001	Washer	2	
A81	HM22B48001	Clapboard	1	
A82	HM22B78001	Strap guide	1	
A83	HA500C2070	Screw	4	SM9/64(40)×5
A84	H6644C8001	Washer	2	
A85	HM21B68001	Strap guide	1	
A86	HM22B68001	Arm sidecover baffle	1	

B.SEWING MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
B01	HA300B2090	Rubber plug	1	
B02	H2009B0067	Needle bar bushing (upper)	1	
B03	H6005C8001	Needle bar	1	
B04	H6006C8001	Needle bar bushing (lower)	1	
B05	H2000G2020	Thread guide	1	
B06	H2000G2030	Needle	1	DP×17 #22
B07	HA100C2170	Set screw	1	SM1/8(44)×4.5
B08	HA100C2020	Screw	1	SM15/64(28)×10
B09	HA700H2040	Felt	1	
B10	HA804H0651	Oil shade cap	1	
B11	H6007C7101	Thread take-up lever assay	1	
B12	H4967K8001	Screw	2	SM11/64(40)×7.2
B13	HA100C2200	Slide block	1	
B14	H2205C0661	Needle bar connecting link guide	1	
B15	HA307C0662	Set screw	2	SM1/4(40)×6
B16	H6023C8001	Needle bar crank	1	
B17	HA100C2060	Screw	1	SM9/32(28)×13
B18	HA705C0662	O-ring	1	
B19	HA100C2070	Set screw	1	SM9/32(28)×14
B20	H6011C8001	Upper shaft bushing (upper)	1	
B21	H6013C8001	Upper feed lifting cam	1	
B22	H6016C8001	Upper feed rock crank (left)	1	
B23	H6015C8001	Balance weight	1	
B24	HA100D2040	Upper shaft bushing (middle)	1	
B25	HA3411D308	Screw	1	SM15/64(28)×7
B26	HA108G0661	Collar for upper shaft	1	
B27	HA105D0662	Screw	2	SM1/4(40)×4
B28	HA112D3012	C-type retaining ring	1	20
B29	H6020C8001	Crank rock	1	
B30	H6019C8001	Upper feed rock crank (right)	1	
B31	H6018C8001	Upper feed lifting cam (right)	1	
B32	H6021C8001	Upper shaft bushing (right)	1	
B33	HA306D0066	Oil seal	1	
B34	HA108C0663	Screw	8	SM1/4(40)×7
B35	HA113D2112	Upper shaft gear	1	
B36	HA113D2122	Vertical shaft gear (upper)	1	
B37	HA100D2110	Vertical shaft bushing (upper)	1	
B38	HA100C2020	Screw	2	SM15/64(28)×10
B39	H6022C8001	Vertical shaft	1	
B40	HA600D2010	Vertical shaft bushing (lower)	1	
B41	HA113D2222	Vertical shaft gear (lower)	1	
B42	HA113D2212	Lower shaft gear	1	
B43	HA104D0652	Rubber plug	1	

B.SEWING MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
B44	H6010C8001	Upper shaft	1	
B45	HA704C0653	Felt	1	
B46	HA7121C104	Oil amount adjusting pin assy	1	

C.SEWING MECHANISM & FEED ROCK LOWER SHAFT

Fig. No.	Part No.	Description	Pcs.	Remarks
C01	HA300C2030	Screw	1	SM11/64(40)×8
C02	HA705J0654	Shaft for feed bar (eccentric)	1	
C03	HA104G0011	Feed rock shaft crank	1	
C04	HA104G0012	Screw	2	SM3/16(28)×12
C05	HA104G0656	Washer	1	
C06	HA104G0654	Screw	2	SM1/8(44)×6
C07	H6005D8001	Feed dog	1	
C08	HA705J0021	Feed bar assay	1	
C09	H1204D0651	Feed lifting rock shaft fork	1	
C10	HA111G0683	Screw	1	SM11/64(40)×12
C11	H6010D8001	Upper feed rock shaft	1	
C12	HA300C2030	Screw	1	SM11/64(40)×8
C13	H6011D8001	Connecting rod for upper feed	1	
C14	H6012D8001	Upper feed rock shaft	1	
C15	H4722G8001	Square block	2	
C16	HA113F0684	Screw	1	SM15/64(28)×8.5
C17	HA800F2020	Screw	1	SM15/64(28)×13.5
C18	H6008D8001	Feed rock shaft crank (right)	1	
C19	H6009D8001	Pin	1	
C20	H6006D8001	Feed rock shaft	1	
C21	HA105D0661	Collar for feed rock shaft	2	
C22	HA105D0662	Screw	4	SM1/4(40)×4
C23	HA100G2040	Bushing for feed rock shaft	1	
C24	H007009150	C-type retaining ring	1	GB/T894.1 15
C25	HA900E2030	Bobbin case	1	
C26	HA600E2060	Bobbin	1	
C27	HA100E2150	Screw	1	SM11/64(40)×10
C28	H2100E2010	Hook positioner	1	
C29	H2200C2050	Rotating hook	1	
C30	HA1111E104	Screw	1	SM3/16(32)×9.7
C31	HA1111E204	Oil felt for hook shaft	1	
C32	HA700E2030	Oil seal	1	
C33	HA704B0654	Bushing for hook shaft (left)	1	
C34	HA704B0653	Bushing for hook shaft (middle)	1	
C35	H6015D8001	Hook shaft	1	
C36	HA305E0662	Screw	2	SM15/64(28)×4.5
C37	HA305E0661	Collar for hook shaft	1	
C38	HA311E0671	Bushing for hook shaft (right)	1	
C39	HA100C2020	Screw	1	SM15/64(28)×10
C40	HA300E2100	Plunger	1	
C41	HA300E2110	Coil spring	1	
C42	HA300E2040	Guide plate	1	
C43	HA104F0654	Screw	1	SM15/64(28)×10

C.SEWING MECHANISM & FEED ROCK LOWER SHAFT

Fig. No.	Part No.	Description	Pcs.	Remarks
C44	HA705K0661	Feed lifting rock shaft crank (right)	1	
C45	HA104G0012	Screw	2	SM3/16(28)×12
C46	HA100G2070	Pin	1	
C47	H6013D8001	Feed lifting rock shaft	1	
C48	HA100G2120	Bushing for feed lifting shaft	1	
C49	HA100G2130	Washer	1	
C50	HA710E0692	Screw	2	SM1/4(40)×10
C51	HA710E0691	Thread trimmer cam	1	

D.STITCH LENGTH MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
D01	HA108G0661	Collar for reverse bar	1	
D02	HA105D0662	Screw	2	SM1/4(40)×4
D03	HA100G2040	Bushing for reverse bar	1	
D04	HA100B2110	Screw	1	SM11/64(40)×5.5
D05	HA100C2020	Screw	1	SM15/64(28)×10
D06	H6007E8001	Bracket pin	1	
D07	H6008E8001	Pin	1	
D08	H6006E8001	Reverse bar	1	
D09	H4723G8001	Guide plate	2	
D10	HA300C2030	Screw	6	SM11/64(28)×8
D11	HA700B2120	Rubber plug	1	
D12	HA100F2040	Pin	1	
D13	HA704B0655	Bushing for feed regulator	1	
D14	HA3411D308	Screw	1	SM15/64(28)×7
D15	H6012E8001	Washer	2	
D16	H007013040	E-type ring	2	GB/T896 4
D17	H6010E8001	Link	1	
D18	H6013E8001	Pin	2	
D19	HA113F0684	Screw	1	SM15/64(28)×8.5
D20	H6009E8001	Feed regulator	1	
D21	H6018E8001	Spring retainer	1	
D22	HC01360	O-ring	1	GB3452.1 36
D23	H6015E8001	Bracket	1	
D24	HA100E2150	Screw	4	SM11/64(40)×10
D25	HA100F2090	Spring for stopper pin	1	
D26	HA700F2030	Stopper pin	1	
D27	HA113F3022	O-ring	1	
D28	H6017E8001	Feed regulator pin	1	
D29	HA109F0674	O-ring	1	
D30	HA720F0681	Screw bar	1	
D31	HA720F0687	Coil spring	1	
D32	HA720F0683	Stopper pin releasing lever	1	
D33	HA7421F120	Dial	1	
D34	H2205D0661	Plate for stitch length	1	
D35	HA720F0685	Bushing	1	
D36	HA720F0686	Screw	1	SM3/16(28)×18
D37	HA113F0683	Screw	1	SM3/16(28)×6.5
D38	HA104F0654	Screw	2	SM15/64(28)×10
D39	HA309F0671	Feed reversing lever	1	
D40	HA100F2110	Spring washer	1	
D41	H3008F0671	Feed reversing lever shaft	1	
D42	HA113F3022	O-ring	1	
D43	H6020E7101	Crank for feed reversing lever	1	

D.STITCH LENGTH MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
D44	HA100F2130	Screw	1	SM15/64(28)×14.5
D45	H6023E8001	Spring	1	
D46	HA800F2010	Spring holder	1	
D47	HA800F2020	Screw	1	SM15/64(28)×13.5
D48	HA806C0675	Spring holder	1	
D49	HA806C0674	Coil spring	1	
D50	H6011E8001	Link for reserve feed	1	

E.UPPER FEED ROCK SHAFT MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
E01	H6006F8001	Upper feed rock shaft crank (left)	1	
E02	H431060050	Screw	2	
E03	HA100B2110	Screw	2	SM11/64(40)×5.5
E04	H6008F8001	Bushing for upper feed rock shaft crank	2	
E05	H2013N0067	Nut	1	SM1/4×24
E06	H2013J0065	Washer	1	6
E07	H2121I0065	Feed connecting slick block	1	
E08	HM20F68001	Upper feed rock shaft	1	
E09	HA108G0661	Collar	1	
E10	HA105D0662	Screw	2	SM1/4(40)×4
E11	H6018F8001	O-ring	1	
E12	HK852H8001	Upper feed rock shaft crank	1	
E13	HA3411D308	Screw	1	SM15/64(28)×7
E14	H6010F8001	Hinge pin	1	
E15	H6015F8001	Feed connecting lever	1	
E16	H2004J0662	Screw	2	SM1/4(40)×5
E17	H6016F8001	Walking foot connecting rod	1	
E18	H2004J0067	Screw	2	SM9/64(40)×7
E19	HA100I2050	Spring washer	2	3.5
E20	H2004J0661	Feed arm	1	

F.UPPER FEED LIFTING ROCK SHAFT MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
F01	H6005G8001	Upper feed lifting rock shaft	1	
F02	HA100B2110	Screw	4	SM11/64(40)×5.5
F03	H6006G8001	Bushing for upper feed lifting rock shaft (left)	1	
F04	H6007G8001	Bushing for upper feed lifting rock shaft (right)	1	
F05	H6009G8001	Upper feed lifting rock crank	1	
F06	H5336H8001	Screw	1	SM15/64(28)×13.5
F07	H6010G8001	Upper feed lifting rock crank shaft	1	
F08	H6011G8001	Link	1	
F09	H6039G8001	Screw	2	SM11/64(40)×3.8
F10	H6013G8001	Upper feed regulator bracket	1	
F11	HA7311C606	Screw	4	SM11/64(40)×15
F12	H6014G8001	Shaft for upper feed lifting rock shaft	1	
F13	H6015G8001	Crank for upper feed lifting rock crank	1	
F14	H007009100	C-type ring	1	GB/T894.1 10
F15	H6016G8001	Pin	1	
F16	H6020G8001	Cam follower	2	SM15/64(28)×10
F17	HA100G2040	Bushing for upper feed shaft	2	
F18	H6019G8002	Upper feed regulator shaft	1	
F19	H6021G8002	Spring	1	
F20	HA108G0661	Collar	1	
F21	HA105D0662	Screw	2	SM1/4(40)×4
F22	H2004J0662	Screw	2	SM1/4(40)×5
F23	H6023G8001	Link for feed lifting rock shaft	1	
F24	H007013060	E-type ring	2	GB/T896 6
F25	H6022G8001	Pin	1	
F26	H6024G8001	Bell crank	1	
F27	H6027G8001	Link	1	
F28	H6028G8001	Pin	1	
F29	H6029G8001	Stud screw	1	SM15/64(28)×5
F30	H6030G8001	Bell crank support	1	
F31	H6040G8001	Nut	1	SM15/64(28)
F32	H6031G8001	Bell crank support shaft	1	
F33	HA110D0672	Screw	1	SM15/64(28)×12
F34	HA300B2110	Rubber plug	1	
F35	H2010J0065	Thumb screw	1	SM9/32(28)×35
F36	H2010J0066	Nut	1	SM9/32(28)
F37	H6032G8001	Presser regulating bracket	1	
F38	HA300C2030	Screw	2	SM11/64(40)×8
F39	H6038G8001	Spring	1	
F40	H6034G7101	Spring guide bar assay	1	
F41	H6037G8001	Bushing for walking foot guide link	1	
F42	H6036G8001	Walking foot guide link	1	
F43	H6033G8001	Spring guide bar holder	1	

F.UPPER FEED LIFTING ROCK SHAFT MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
F44	H2000I2050	Screw	3	SM9/64(40)×8 SM11/64(40)×12
F45	H2000N0040	Washer	2	
F46	HA111G0683	Screw	2	
F47	H2000N0030	Walking foot guide bracket	1	
F48	HM20G68001	Walking foot	1	
F49	HM20G78001	Knife	1	

G.PRESSER FOOT MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
G01	HA700F2100	Screw	1	SM11/64(40)×7
G02	H6023H8001	Thread guide	1	
G03	H6027H8001	Presser bar guide bracket	1	
G04	HA3411D308	Screw	1	SM15/64(28)×7
G05	H2400G2140	Thumb screw	1	SM1/2(28)×41.5
G06	HA117H0692	Nut	1	SM1/2(28)
G07	H6020H8001	Presser bar spring	1	
G08	HA107H0662	Screw	2	SM3/16(28)×3.5
G09	H6013H8001	Knee lifter rod	1	
G10	H6017H8001	Spring	1	
G11	HA100H2050	Stud bolt	1	SM15/64(28)×5.2
G12	H6016H8001	Knee lifter lever	1	
G13	H6009H7101	Presser bar lifting cam	1	
G14	HA305E0662	Screw	2	SM15/64(28)×4.5
G15	H6008H8001	Spring	1	
G16	H6007H8001	Presser bar lifting shaft	1	
G17	HA300H2080	O-ring	1	
G18	H6006H8001	Presser bar lifter	1	
G19	H6018H8001	Knee lifter connecting rod	1	
G20	HA107H1013	Screw	1	SM11/64(40)×6.5
G21	H6014H8001	Knee lifter lever (left)	1	
G22	HA305H6611	Tension releasing cam	1	
G23	HA100H2050	Stud bolt	1	SM15/64(28)×6.7
G24	H6037B8001	Thread releasing pin	1	
G25	HM20H68001	Presser bar	1	
G26	HA704B0651	Bushing for presser bar	1	
G27	HM21H08001	Presser foot	1	
G28	HM21H18001	Presser foot	1	
G29	HM21H28001	guide apparatus	1	
G30	HM21H48001	Walking foot guard cover	1	
G31	HD707F8001	Screw	2	M4×0.7/15.8
G32	HM022F8001	Spring	1	
G33	HM21H38001	Pin	1	
G34	H2400G2160	Nut	1	SM11/64×40
G35	H2400G2150	Screw	1	SM11/64×40/31

H.DIFFERENTIAL MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
H01	HA720F0686	Screw	1	
H02	HA720F0685	Bush	1	
H03	HM308F8001	Plate for stitch length	1	
H04	HA7421F120	Dial	1	
H05	HA720F0683	Stopper pin releasing lever	1	
H06	HA720F0687	Coil spring	1	
H07	HM20L68001	Screw bar	1	
H08	HM22L28001	Feed regulator spindle	1	
H09	HA705C0662	O-ring	1	
H10	HM21L98001	Washer	1	
H11	H431050050	Screw	1	
H12	H2010J0066	Nut	1	
H13	HK830H8001	Screw	1	
H14	H2013N0651	Slide block	1	
H15	H007013040	E-type ring	1	
H16	HM21L78001	Feed driver connecting rod	1	
H17	HM21L58001	link rod	1	
H18	HM21L68001	Pin	2	
H19	HM22L58001	Pin	1	
H20	HM22L68001	Washer	2	
H21	H007013040	E-type ring	1	
H22	HM23L18001	windpipe	2	
H23	HM23L08001	Bracket	1	
H24	HA300B2160	Screw	2	SM11/64×40/10
H25	HM22L98001	reset button	1	
H26	HF937E8001	Windpipe joint	1	
H27	HEE4218001	Windpipe joint	1	
H28	HF15404013	Cylinder	1	GJ2D16D-T1247-15(SMC)
H29	H2004J0662	Screw	1	
H30	HM22L48001	Coupling	1	
H31	H431050050	Screw	1	
H32	HM22L08001	Coil spring	1	
H33	H431050050	Screw	2	
H34	HM21L48001	Feed regulator	1	
H35	HA100F2090	Spring for stopper pin	1	
H36	HA700F2030	Stopper pin	1	
H37	JGD0100011	Reducing valve and solenoid valve	1	

I.KNIFE ACTUATING MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
I01	HA712N0698	Thread trimmer driving lever	1	
I02	HA712N6910	Flexible wire holder	1	
I03	HA712N0699	Stud screw	1	SM11/64(40)×8
I04	HA712N6911	Flexible wire presser	1	
I05	HA712N6912	Screw	2	SM1/8(44)×7
I06	HA712N0695	Stud screw	1	
I07	HA712N0697	Trimmer lever spring	1	
I08	HA712N0696	Spring support collar	1	
I09	HA7311CC06	Screw	2	SM9/64(40)×8.5
I10	HA100E2150	Screw	1	SM11/64(40)×10
I11	HA710N0683	Nut	1	
I12	H2208H0068	Thread trimmer solenoid	1	
I13	HA700N0080	Screw	4	SM15/64(28)×12
I14	HA300C2030	Screw	7	SM11/64(40)×8
I15	HA708P0668	Cord holder	1	
I16	HA7641B319	Terminal pin	2	
I17	H6005J8001	Flexible wire	1	
I18	HA300H2080	O-ring	1	
I19	H6004J7101	Flexible wire assay	1	
I20	H003003050	Nut	2	GB/T6171 M5
I21	HA712N6913	Holder	1	
I22	HA7121N604	Screw	1	SM9/64(40)×8.5
I23	HA7121N704	Nut	1	SM9/64(40)
I24	HA7121N104	Bracket for fixed blade	1	
I25	H22121H204	Thread guide	1	
I26	HA7311CH06	Screw	1	SM9/64(40)×8
I27	HA7121N304	Screw	1	SM9/64(40)×5
I28	H22121H104	Fixed blade	1	
I29	HA704N1111	Knife holding bracket saddle	1	
I30	HA7111N304	Nut	2	
I31	HA704N1112	Knife base (left)	1	
I32	HA7111N504	Nut	1	
I33	HA7111N604	Knife driving crank	1	
I34	HA7111N204	Screw	2	SM11/64(40)×6.2
I35	HA7111N404	Link	1	
I36	HA704N1114	Screw	3	SM1/8(44)×6
I37	HA704N1113	Thrust washer	1	
I38	H2204H0651	Movable knife (left)	1	
I39	HA7111N704	Screw	2	SM11/64(40)×7
I40	H6006J8001	Knife driving shaft	1	
I41	HA706N0066	Cam follower crank assay	1	
I42	HA700N0050	Bushing	1	
I43	HA700N0040	Coil spring	1	

I.KNIFE ACTUATING MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
I44	HA710N0682	Lever stopper plate	1	
I45	HA113F0684	Screw	1	SM15/64(28)×11.3
I46	HA906N0661	Stopper	1	
I47	HA700N0110	Coil spring	1	
I48	HA105D0662	Screw	1	SM1/4(40)×4
I49	HA715N0071	Collar	1	
I50	HA7411N110	Screw	1	SM15/64(28)×23

J.TOUCH BACK AND DETECTOR MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
J01	HA300B2160	Screw	8	SM11/64(40)×10
J02	H6005K8001	Bracket	1	
J03	HA7221P508	Screw	2	
J04	HA704O0657	Rubber plug	1	
J05	HA704O0659	Screw	2	
J06	HA704O0654	Spring plate	1	
J07	H2205I0661	Bracket for touch switch	1	
J08	H6006K7101	Vinyl cap-tire cable for touch switch	1	
J09	HA7641B319	Terminal pin (male)	5	
J10	HA704O0021	Push button	1	
J11	H007013030	E-type ring	2	GB/T896 3
J12	HA704O0065	Spring	1	
J13	HA704O6510	Screw	2	M2×8
J14	HA704O0655	Micro switch	1	
J15	HA704O0658	Insulator set	1	
J16	HA705Q0065	Ground wire	1	
J17	HA700Q0030	Cord holder	2	HP-5N
J18	H6009K8001	Solenoid assay for touch back	1	
J19	H2006I0672	Gasket	1	
J20	H6010K8001	Arm side cover	1	
J21	HA300C2030	Screw	7	SM11/64(40)×8
J22	H6011K8001	Gasket	1	
J23	H007013040	E-type ring	2	
J24	HA712N0692	Pin	1	
J25	H6012K8001	Stud screw	1	
J26	H2204G0652	Rubber ring	1	
J27	HA703R0065	Detector bracket assay	1	
J28	HA703R0067	Washer	1	
J29	HA703R0066	Detector bracket supporter	1	
J30	HA111G0683	C-type ring	1	
J31	HA700R0060	Washer	1	
J32	HA700R0050	Supporter spring	1	
J33	HA700R0040	Spacer B	1	
J34	HA700R0020	Speed command disc (up)	1	
J35	HA700R0030	Spacer A	2	
J36	HA700R0010	Speed command disc (down)	1	
J37	HA110D0672	Screw	2	SM15/64(28)×12
J38	H2204I0651	Pulley	1	

K.OIL LUBRICATION MECHANISM

Fig. No.	Part No.	Description	Pcs.	Remarks
K01	H6019I8001	Oil wick	1	
K02	HA700B2150	Oil felt	1	
K03	H6019I8001	Oil wick	1	
K04	H6016I8001	Upper shaft oil tube	1	
K05	HA116I0682	Bushing	1	
K06	H6006I8001	Oil pump	1	
K07	HA100I2090	Screw	3	SM11/64(40)×13
K08	H6010I8001	Rooter	1	
K09	H6011I8001	Slider	1	
K10	H6012I8001	Oil pump cover	1	
K11	HA100I2070	Oil adjusting plate	1	
K12	HA100I2050	Spring washer	1	3.5
K13	HA100I2040	Screw	3	SM1/8(44)×13
K14	HA111I0065	Oil pump filter	1	
K15	HA113I0661	Bushing	1	
K16	H6014I8001	Lower shaft oil tube	1	
K17	HA110E0672	Oil pipe for lower shaft bushing	1	SM1/2(28)
K18	H6018I8001	Oil return tube	1	
K19	HA300I2030	Oil return tube clip	1	
K20	HA300E2030	Oil adjusting screw	1	SM15/64(28)×25.5
K21	HA100E2060	Oil adjusting spring	1	
K22	HA305G0664	Oil wick	1	
K23	HA304G0655	Oil wick	1	
K24	HA300I2060	Oil felt holder	1	
K25	HA106B0676	Screw	1	SM9/64(40)×6
K26	H6009I8001	Oil wick holder	1	

L.ACCESSORIES

Fig. No.	Part No.	Description	Pcs.	Remarks
L01	HA505B0672	Thread take-up spring	1	
L02	H2000G2030	Needle	4	DP×17 #22
L03	H3200L0060	Socket wrench 3	1	
L04	HA704S0653	Socket wrench 2	1	
L05	HA300J2230	Washer for wood screw	4	
L06	H801045200	Wood screw	4	GB/T99 4.5×20
L07	HA300J2200	Screw driver (middle)	1	
L08	HA300J2210	Screw driver (small)	1	
L09	HA100J2160	Spanner	1	
L10	HA704S0654	Speed command disc adjusting disc	1	
L11	HA100J2110	Oil with oiler	1	
L12	HA600E2060	Bobbin	4	
L13	HA307J0067	Hinge with rubber cushion	2	
L14	HA100J2090	Vibration preventing rubber (large)	2	
L15	H3200L0030	Vibration preventing rubber (small)	2	
L16	HA100J2120	Magnet block	1	
L17	HA300J2370	Thread stand assay	1	GXJ-2A
L18	HA905S0066	Bobbin winder assay	1	
L19	H4954N7101	Belt guard assay	1	
L20	HA100J2180	Cover	1	
L21	HA300J2070	Screw driver (large)	1	
L22	H6017L8001	Screw	2	SM1/4(24)×10.7
L23	H6005L8001	Link	1	
L24	H6006L8001	Knee lifter driving crank	2	
L25	HA106J0664	Bolt	3	SM5/16(18)×13
L26	HA106J0667	Bolt	1	SM15/64(28)×8
L27	HA106J0666	Knee lifter plate stopper	1	
L28	HA106J0665	Knee lifter plate	1	
L29	HA106J0668	Knee lifter cover	1	
L30	HA106J0662	Knee lifter shaft	1	
L31	H6015L8001	Knee lifter shaft	2	
L32	HA104J0657	Coil spring	1	
L33	HA104J0658	Knee lifter	1	
L34	HA100F2130	Screw	1	SM15/64(28)×14.5
L35	HA104J6510	Nut	2	SM15/64(28)
L36	HA104J0659	Set screw	2	SM15/64(28)×28
L37	H007013090	E-type ring	1	GB/T896 9
L38	H6016L8001	Collar	1	
L39	HA100C2090	Screw	2	SM15/64(28)×4.5
L40	H6008L8001	Oil reservoir	1	
L41	HA104J0652	Screw	2	SM5/16(28)×10
L42	HA104J0653	Seal washer	2	
L43	H6009L8001	Gasket for oil reservoir	2	

L.ACCESSORIES

Fig. No.	Part No.	Description	Pcs.	Remarks
L44	HA106J0661	Knee lifter lifting pin	1	
L45	HA600J2060	Gasket	1	
L46	HA600J2040	Screw	1	
L47	HA600J2050	Drainage tube	1	
L48	HA300J2170	Oil tank	1	
L49	HM21M08001	Nut	1	
L50	HM21M18001	Baffle	2	
L51	HM20M98001	Thread stand pole	1	
L52	HA106J0663	Knee lifter driving crank	2	
L53	HM20M78001	Screw	1	
L54	HA106J0664	Screw	4	
L55	HM20M88001	Thread stand	1	
L56	HE027B8001	Spring	2	