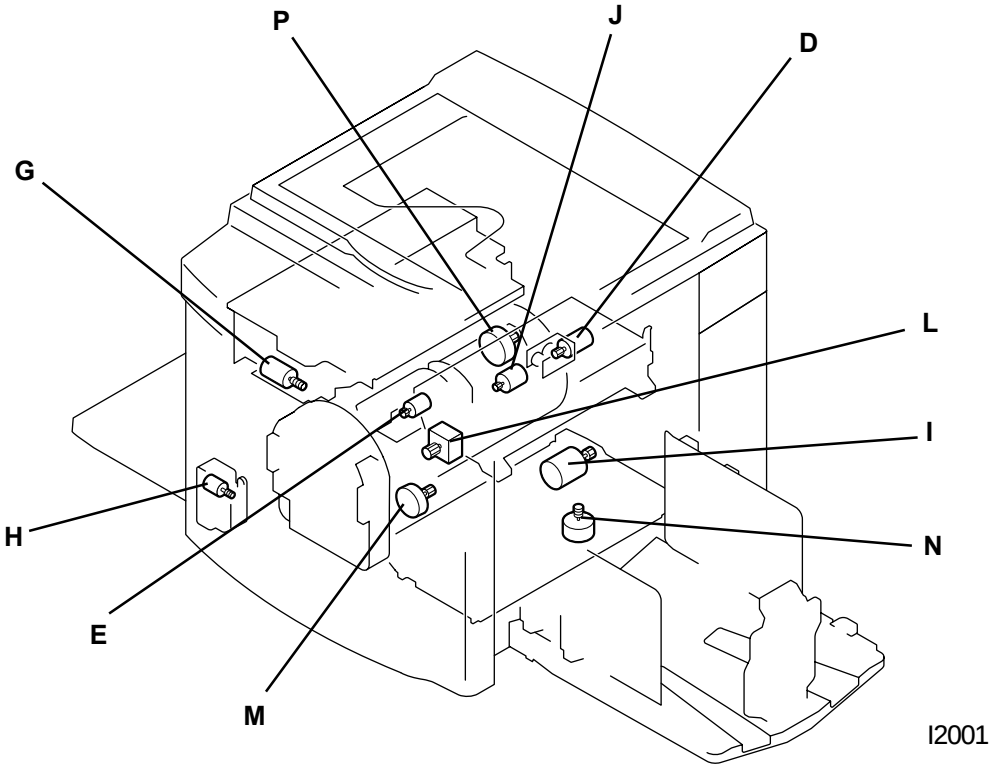
ГЛАВА 20: ЭЛЕКТРИЧЕСКИЕ КОМПОНЕНТЫ

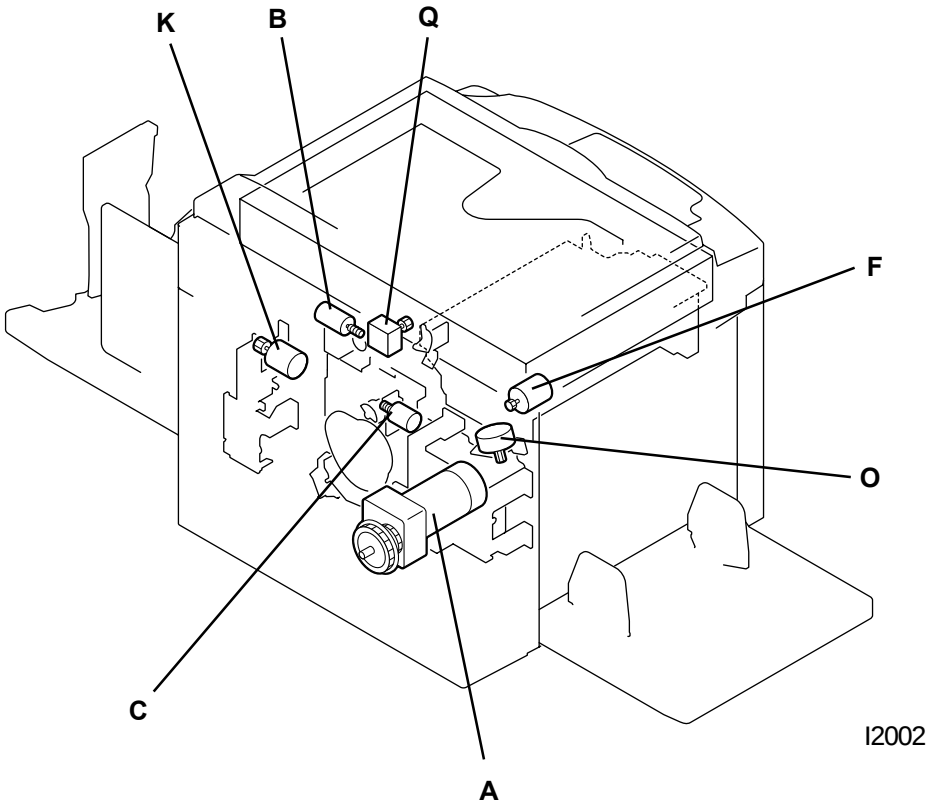
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1. Моторы



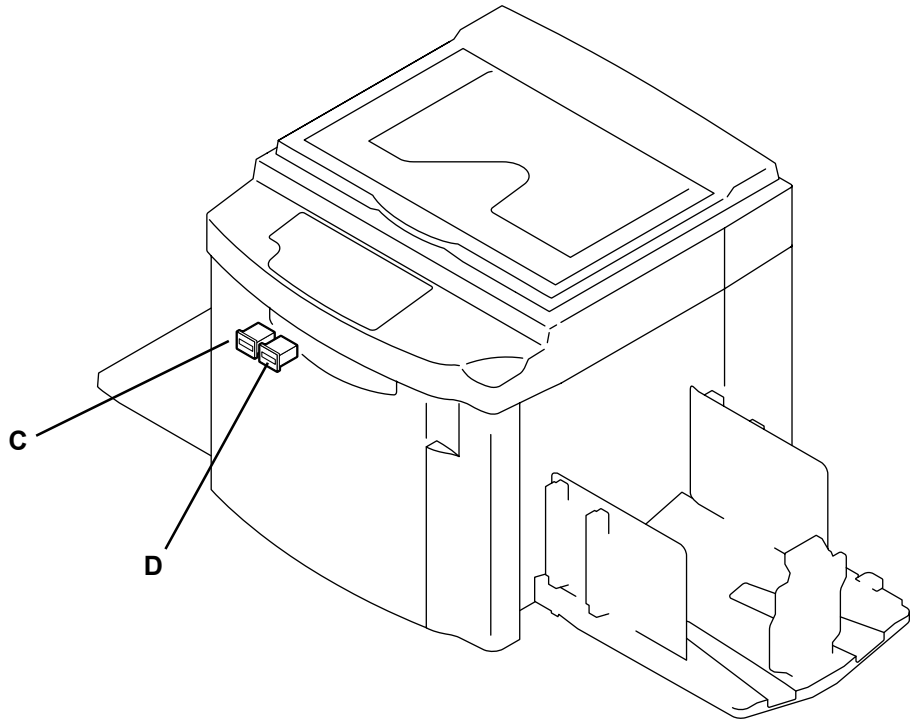
I2001



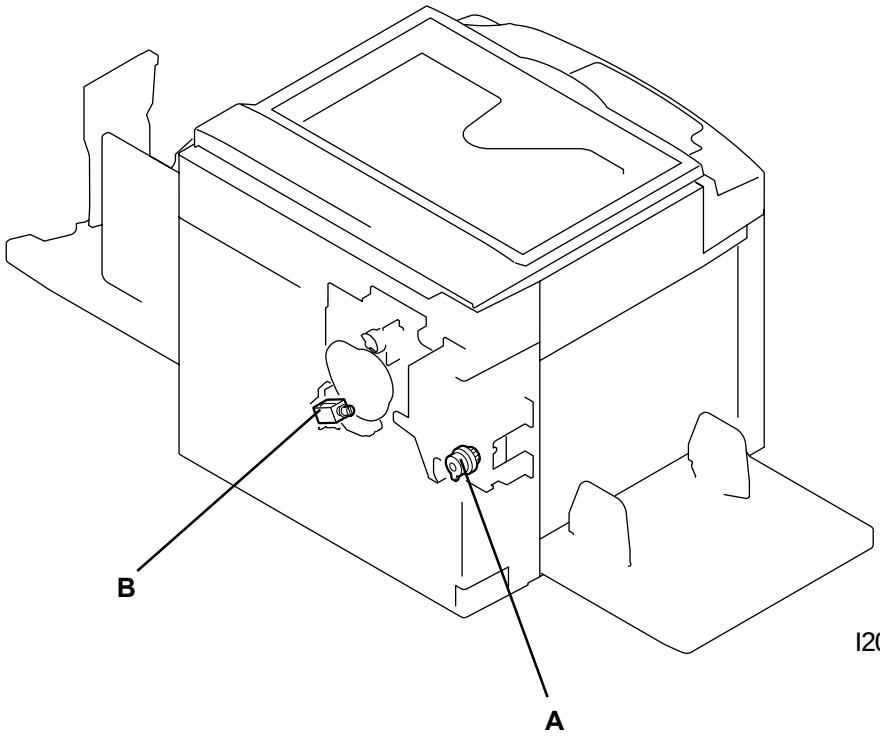
I2002

Sym.	Name	Test mode No.
A	Main motor	530, 531
B	Clamp motor	532, 533
C	Print drum locking motor	534
D	Thermal pressure motor	230, 231
E	Cutter motor	237
F	Master disposal motor	330
G	Master compression motor	
H	Elevator motor	
I	Paper ejection motor	430
J	Inking motor	
K	Print pressure motor	
,k	Write pulse motor	232, 233
M	Load pulse motor	234, 235
,m	Paper ejection wing motor	433, 434
O	Vertical position pulse motor	
P	Horizontal position pulse motor	
Q	FB read pulse motor	

2. Соленоиды и муфты



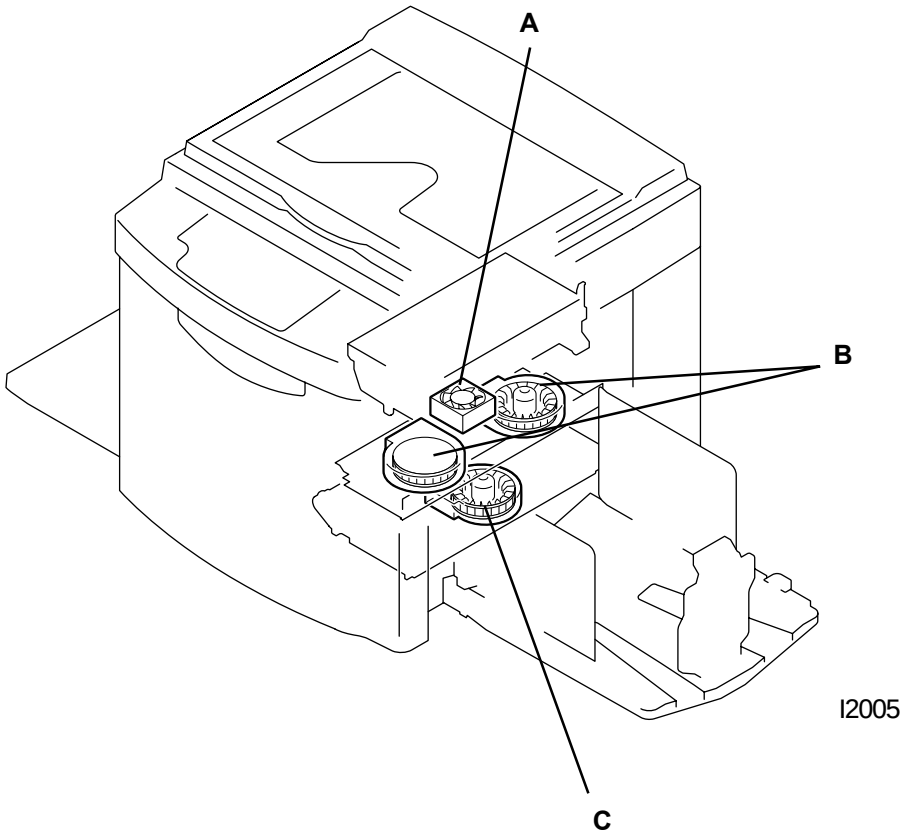
I2003



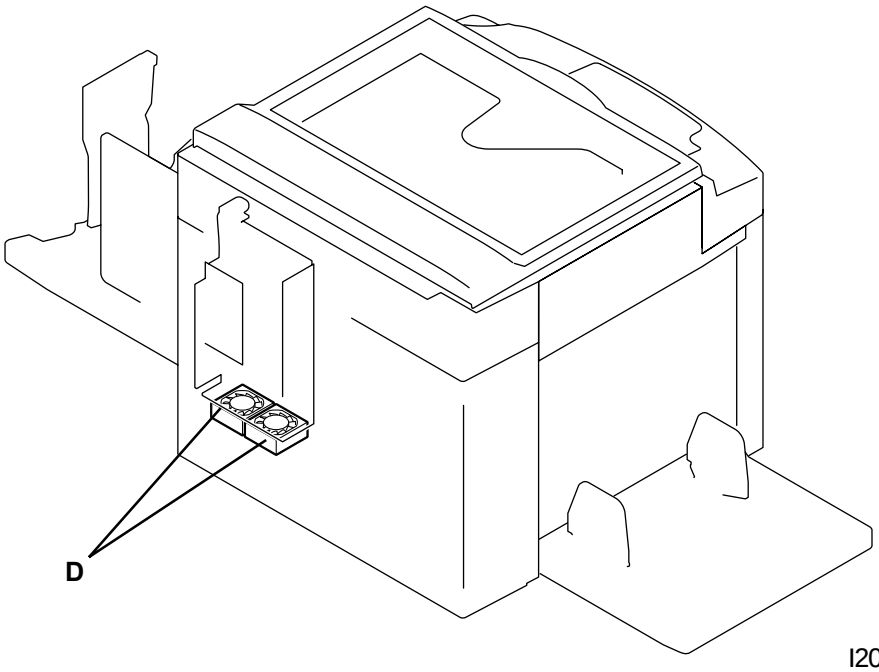
I2004

Sym.	Name	Test mode No.
A	Paper-feed clutch	436
B	Pressure solenoid	
C	Copy counter	
D	Master counter	

3. Вентиляторы



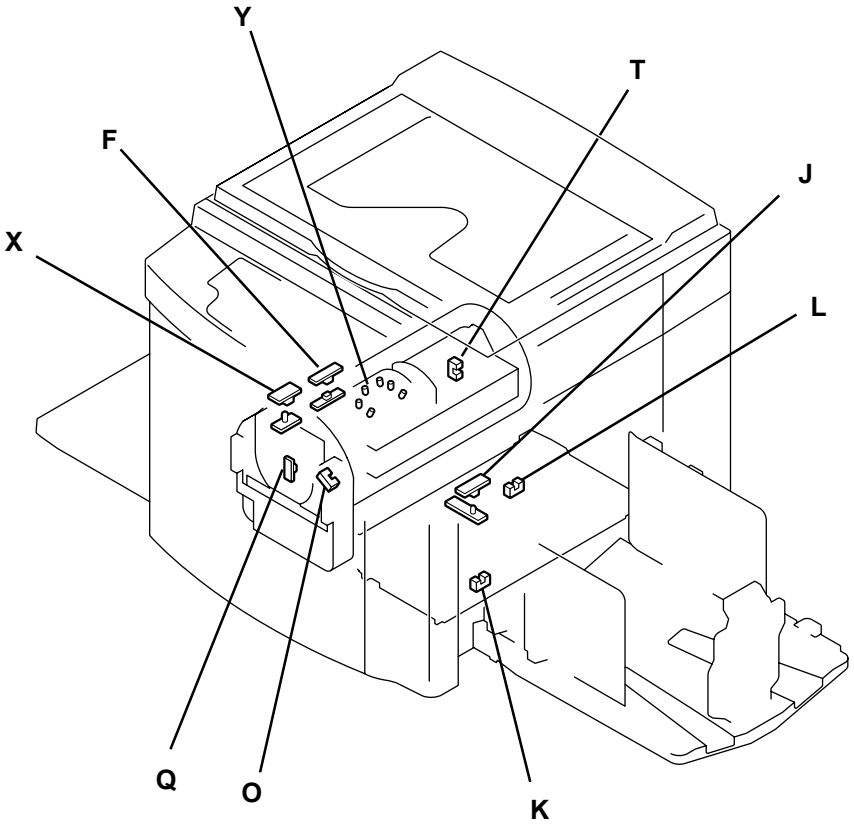
I2005



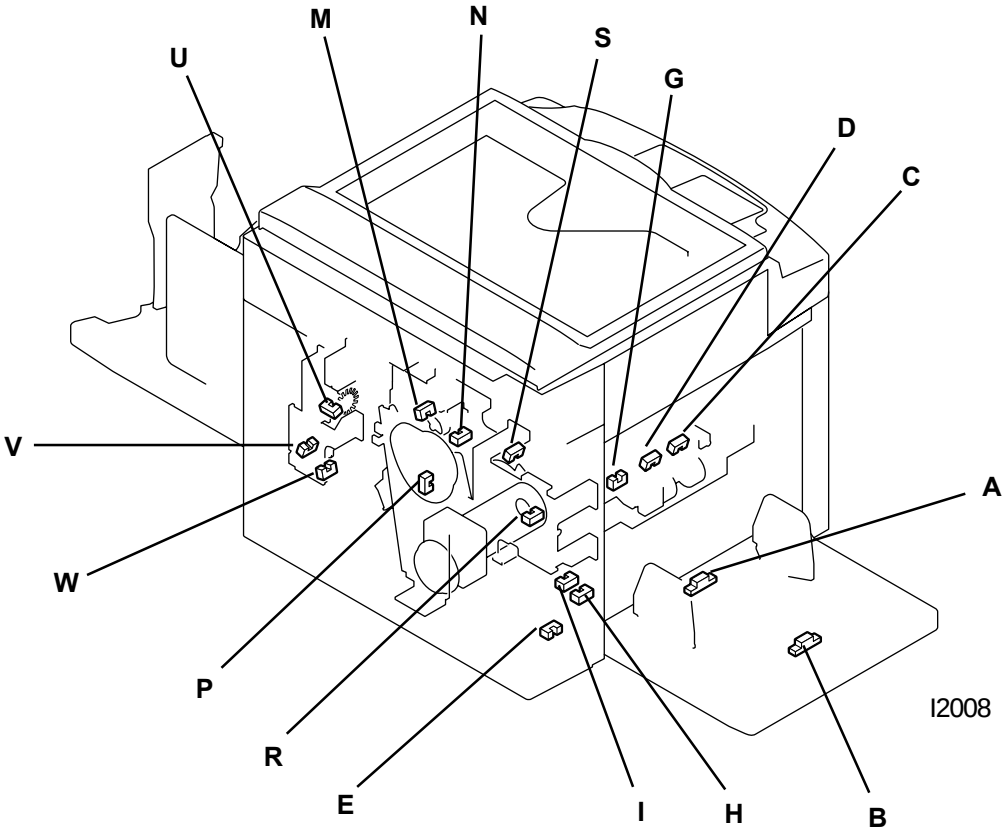
I2006

Sym.	Name	Test mode No.
A	Storage fan	436
B	Separation fan	431
C	Suction fan	
D	Power supply cooling fan	

4. Датчики 1 [Подача/вывод бумаги, барабан]



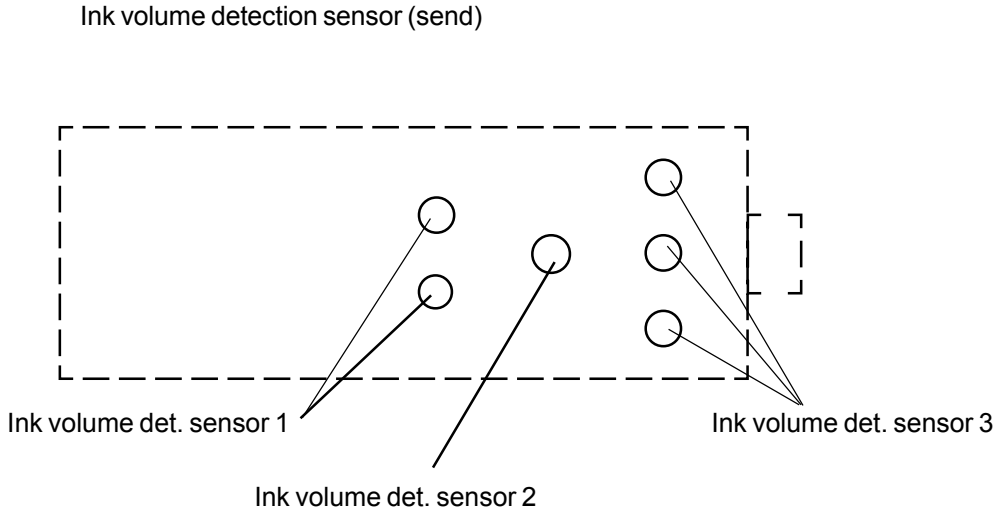
I2007



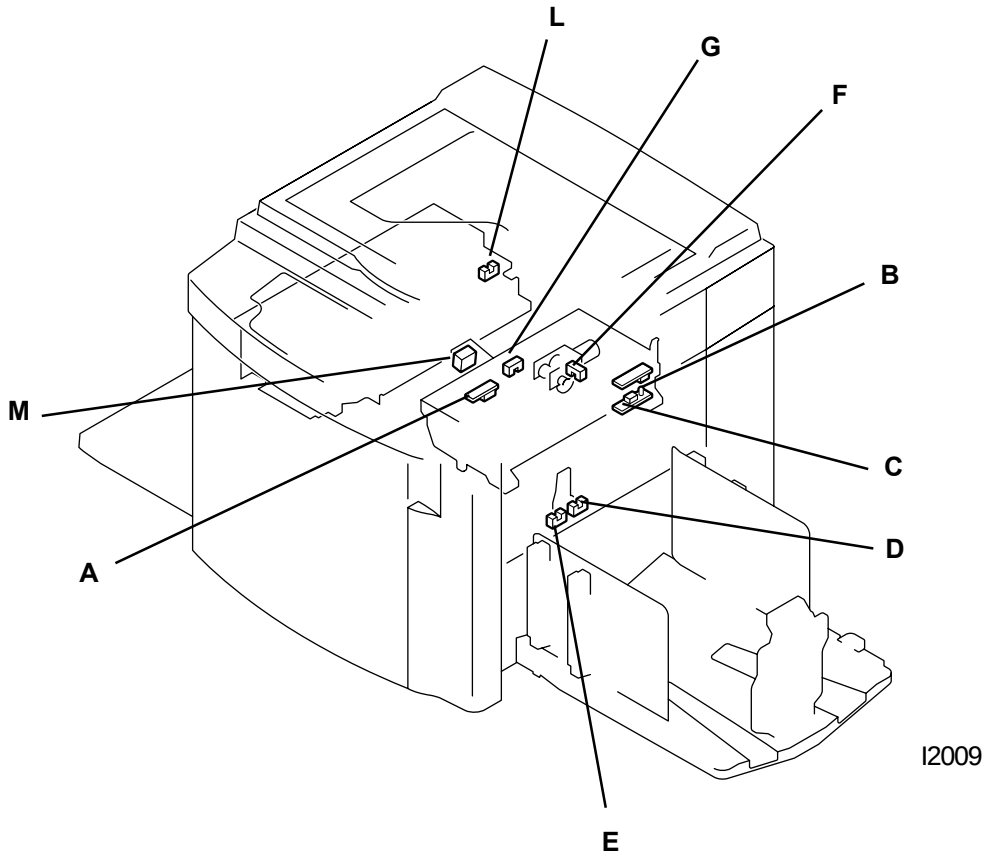
I2008

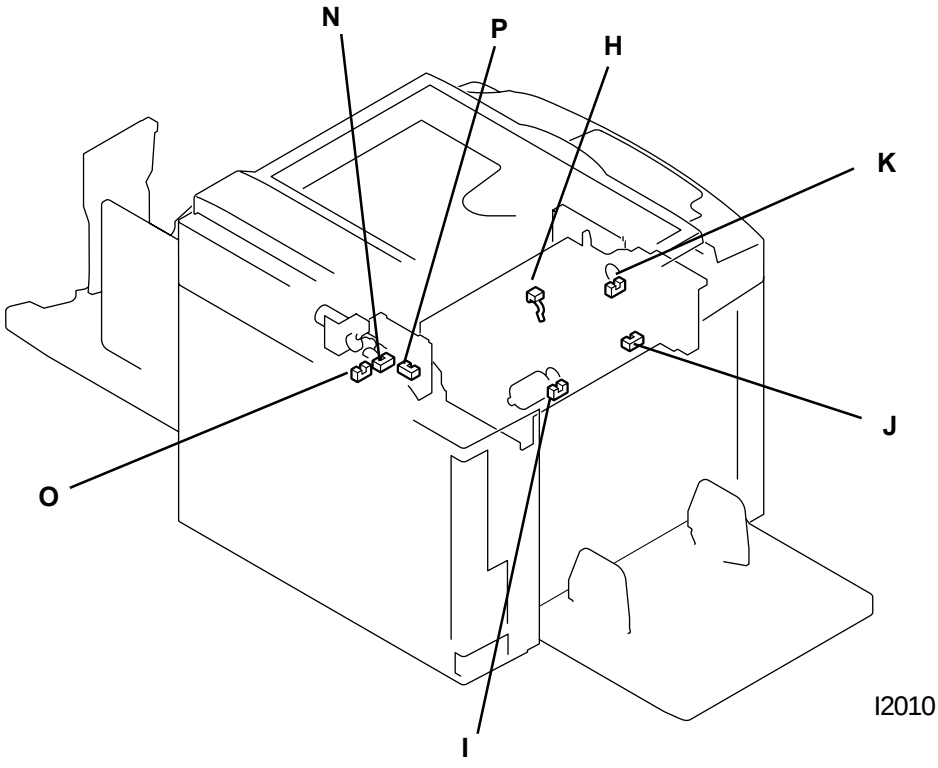
Sym.	Name	Sensor type	Test mode No.
A	Paper detection sensor	Reflective	400
B	Paper size detection sensor	Reflective	401
C	Elevator upper limit sensorA	Interrupt	402
D	Elevator upper limit sensorB	Interrupt	403
E	Elevator lower limit sensor	Interrupt	404
F	Paper sensor	Transmittive	405
G	Paper feed pressure sensor -High	Interrupt	414
H*	Paper volume det. sensor A	Interrupt	410
I*	Paper volume det. sensor B	Interrupt	411
J	Paper ejection sensor	Transmittive	406
K	Paper ejection wing home sensor	Interrupt	413
,k	Paper ejection limit sensor	Interrupt	412
M	Print drum lock position sensor	Interrupt	508
,m	Print drum lock cam sensor	Interrupt	507
O	Position A sensor	Interrupt	500
P	Position B sensor	Interrupt	501
Q*	Ink volume det. sensor (receive)	Transmittive	521, 522, 523
R	Main motor limit sensor	Interrupt	502
S	Vertical centering sensor	Interrupt	601
T	Horizontal centering sensor	Interrupt	602
U	Print pressure limit sensor	Interrupt	603
V	Print pressure sensor A	Interrupt	604
W	Print pressure sensor B	Interrupt	605
X*	Multi-paper feed det. sensor	Transmittive	
Y*	Ink volume det. sensor (send)		

* Not used on 300 DPI machines



5. Датчики 2 [Изготовление и съем мастера]

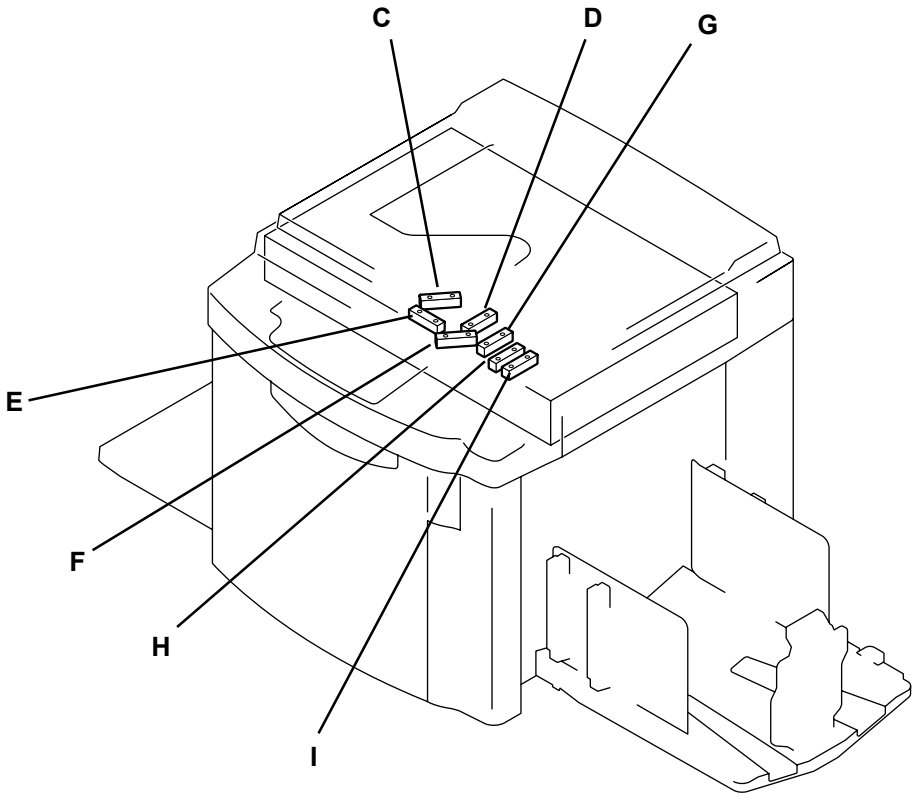




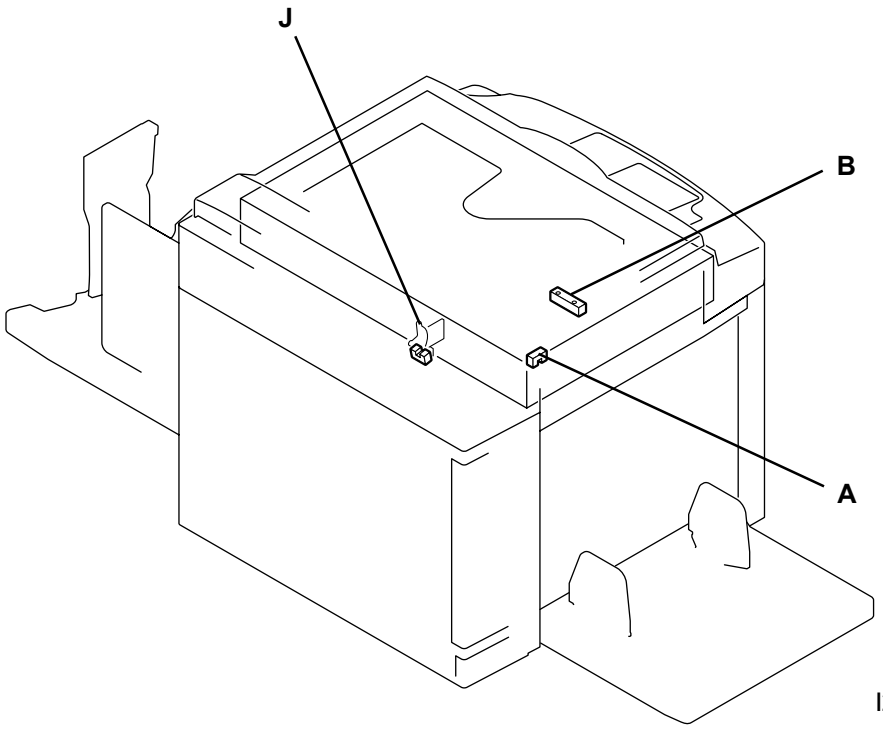
Sym.	Name	Sensor type	Test mode No.
A	Master positioning sensor	Reflective	200
B	Master end sensor	Transmittive	201
C	Master detection sensor	Reflective	202
D*	Master volume det. sensor A	Interrupt	207
E*	Master volume det. sensor B	Interrupt	208
F	TPH pressure sensor	Transmittive	204
G	Master making unit sensor	Interrupt	205
H	Master disposal jam sensor	Actuator	300
I	Mstr disposal motor limit sensor	Interrupt	306
J	Master compression sensor	Interrupt	301
K	Mstr compress motor limit sensor	Interrupt	305
,k	Disposal top cover sensor	Interrupt	304
M	Master loading sensor	Reflective	506
,m	Clamp sensor A	Interrupt	503
O	Clamp sensor B	Interrupt	504
P	Clamp sensor C	Interrupt	505

* Not used on 300 DPI machines

6. Датчики 3 [Стол сканера]



I2011

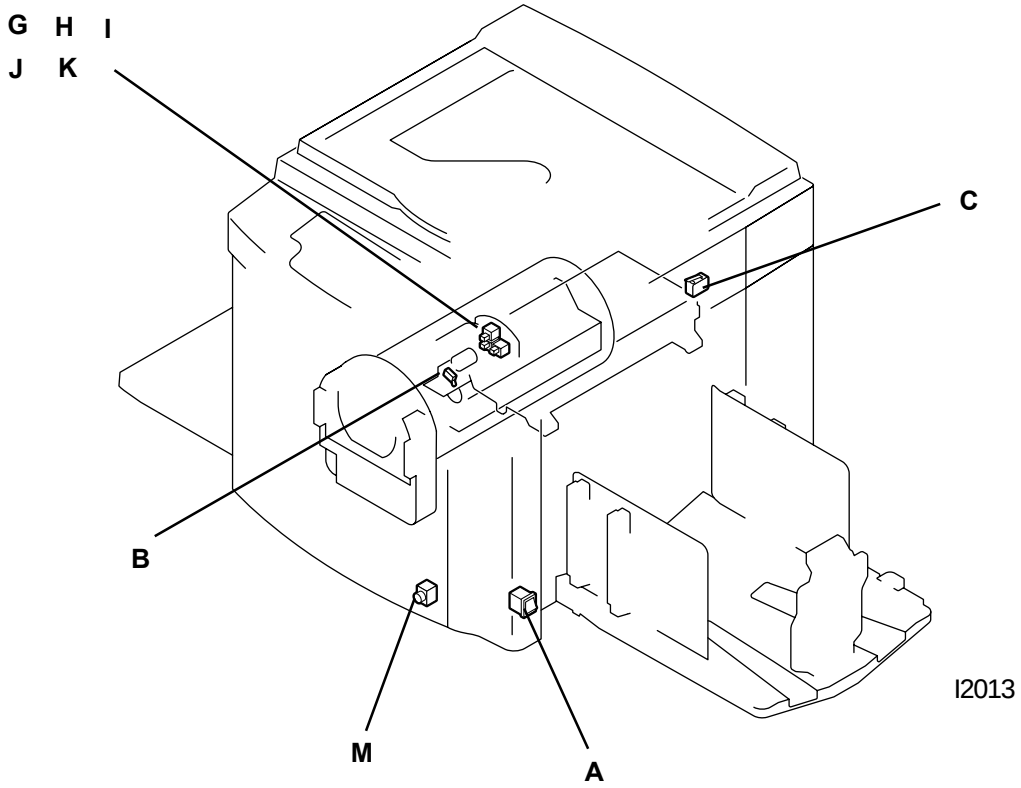


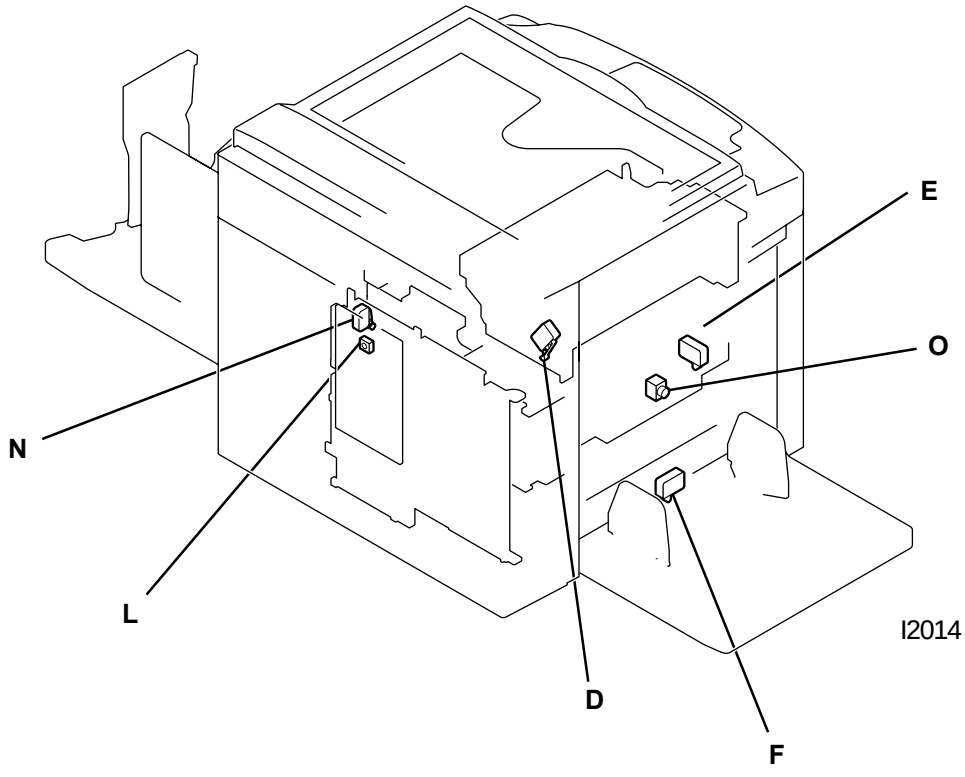
I2012

Sym.	Name	Sensor type	Test mode No.
A	Image scanner ADF shading sensor	Interrupt	100
B	Flat bed original det. sensor	Reflective	101
C	Flat bed original size sensor 1	Reflective	102
D*	Flat bed original size sensor 2	Reflective	103
E*	Flat bed original size sensor 3	Reflective	104
F	Flat bed original size sensor 4	Reflective	105
G	Flat bed original size sensor 5	Reflective	106
H	Flat bed original size sensor 6	Reflective	107
I	Flat bed original size sensor 7	Reflective	108
J	Stage cover sensor	Interrupt	110

* Not used on 300 DPI machines

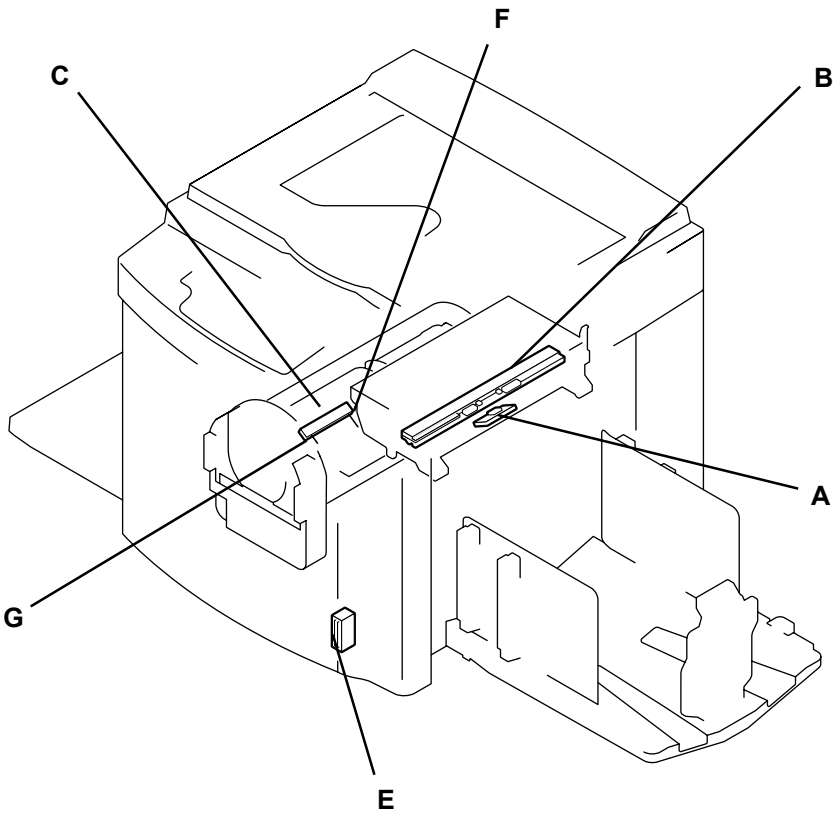
7. Кнопки и выключатели



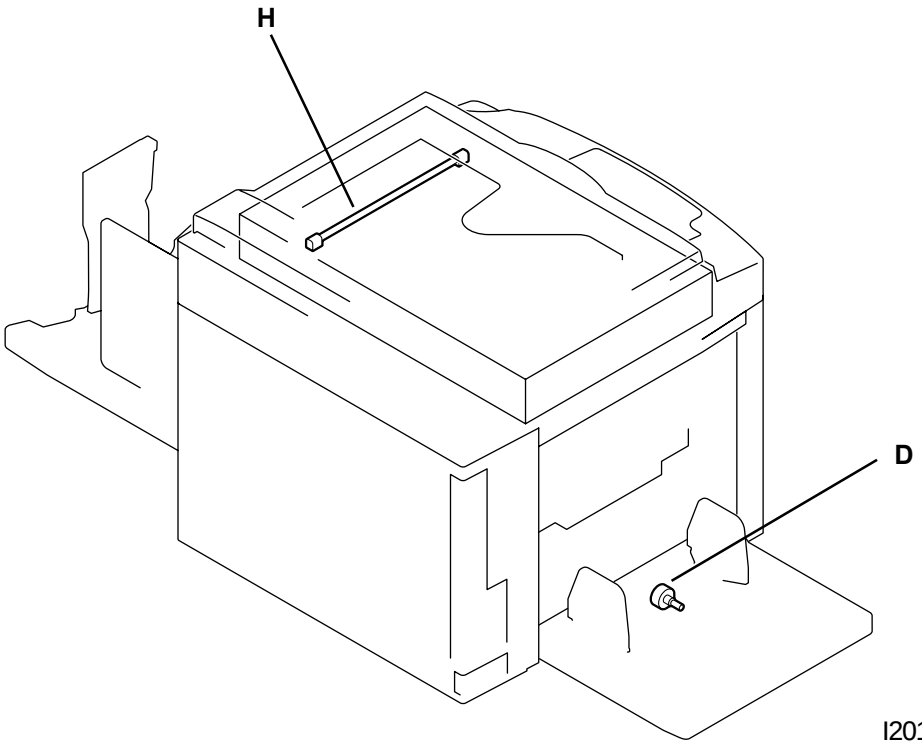


Sym.	Name	Test mode No.
A	Main SW	
B	Cutter home position switch	203
C	Flat bed set switch	206
D	Disposal box safety switch	303
E	Paper feed tray upper safety SW	407
F	Paper feed tray lower safety SW	408
G	Ink cartridge set SW 1	511
H	Ink cartridge set SW 2	512
I	Ink cartridge set SW 3	513
J	Ink cartridge set SW 4	514
K	Ink cartridge set SW 5	515
L	Main motor 15 rpm SW	516
M	Print drum release button	518
N	Print drum safety SW	520
O	Elevator button	409

8. Другое



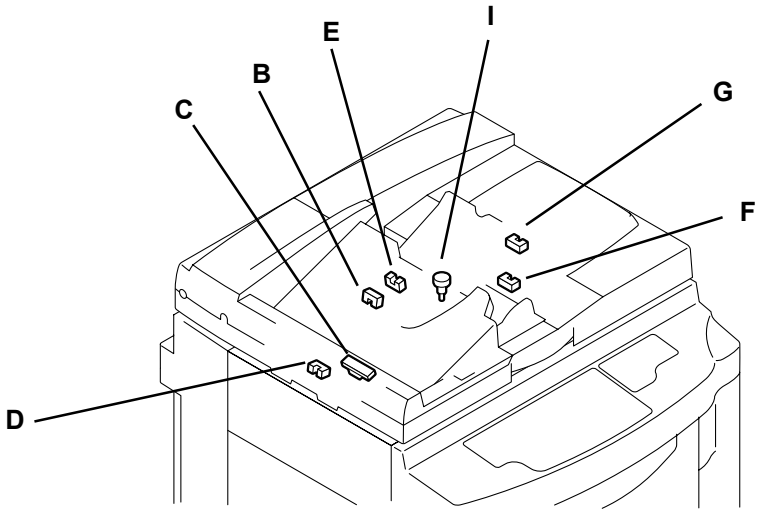
I2015



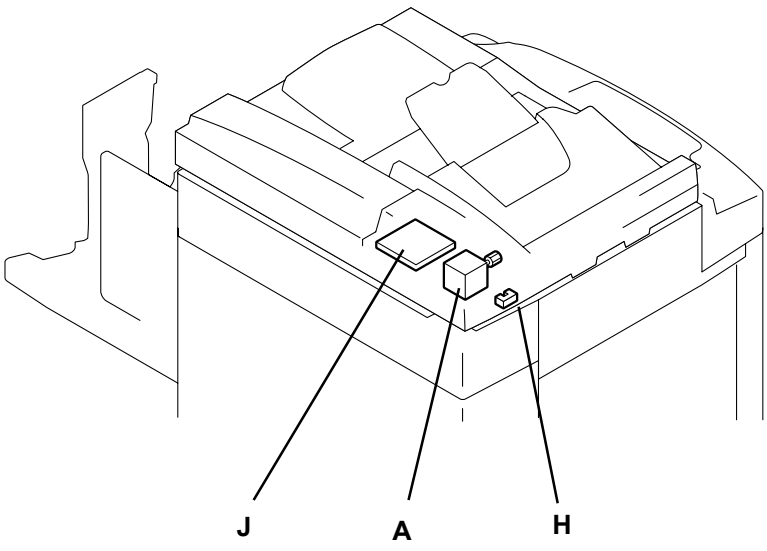
I2016

Sym.	Name	Test mode No.
A	Write roller temperature sensor	272, 273
B	TPH temperature sensor	270, 271
C	Print drum temperature sensor	572, 573
D	Paper width potentiometer	470, 471
E	Front cover SW	517
F	Ink sensor	509
G	Overflow sensor	510
H	CCD lamp	130

9. Узел АПО



I2017



I2018

(1) Motor

Sym.	Name	Test mode No.
A	ADF read pulse motor	730

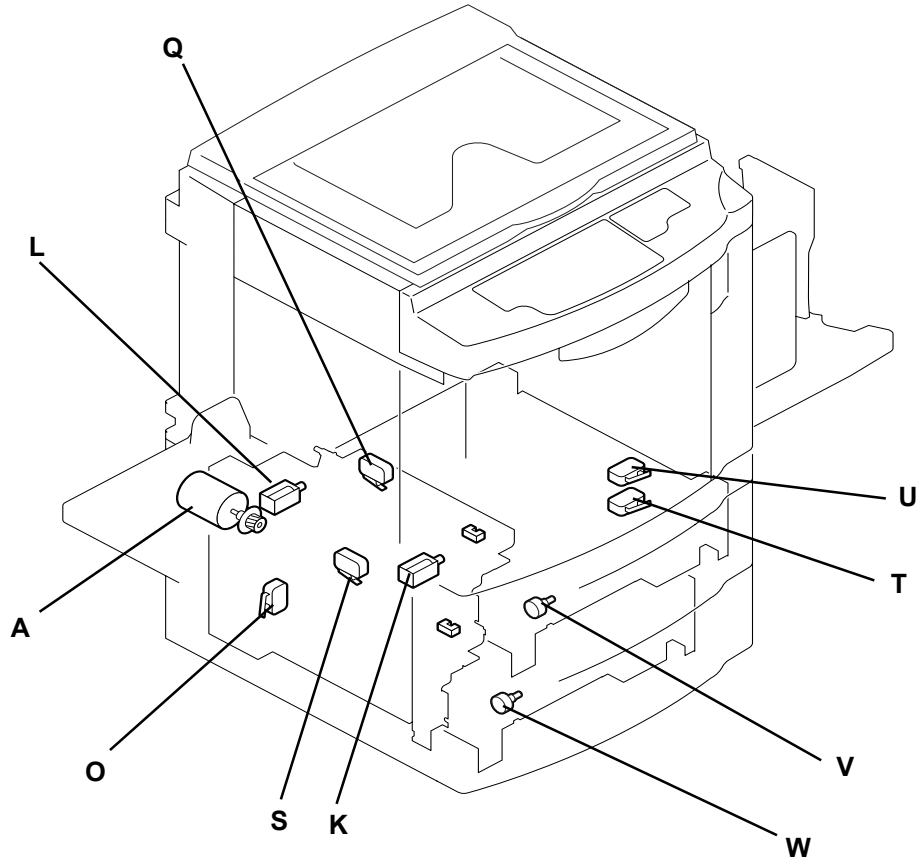
(2) Sensors

Sym.	Name	Test mode No.
B	Original registration sensor	700
C	Original IN sensor	701
D	Original OUT sensor	702
E	ADF original detection sensor	703
F	ADF original size sensor 1	704
G	ADF original size sensor 2	705
H	ADF unit cover set sensor	707

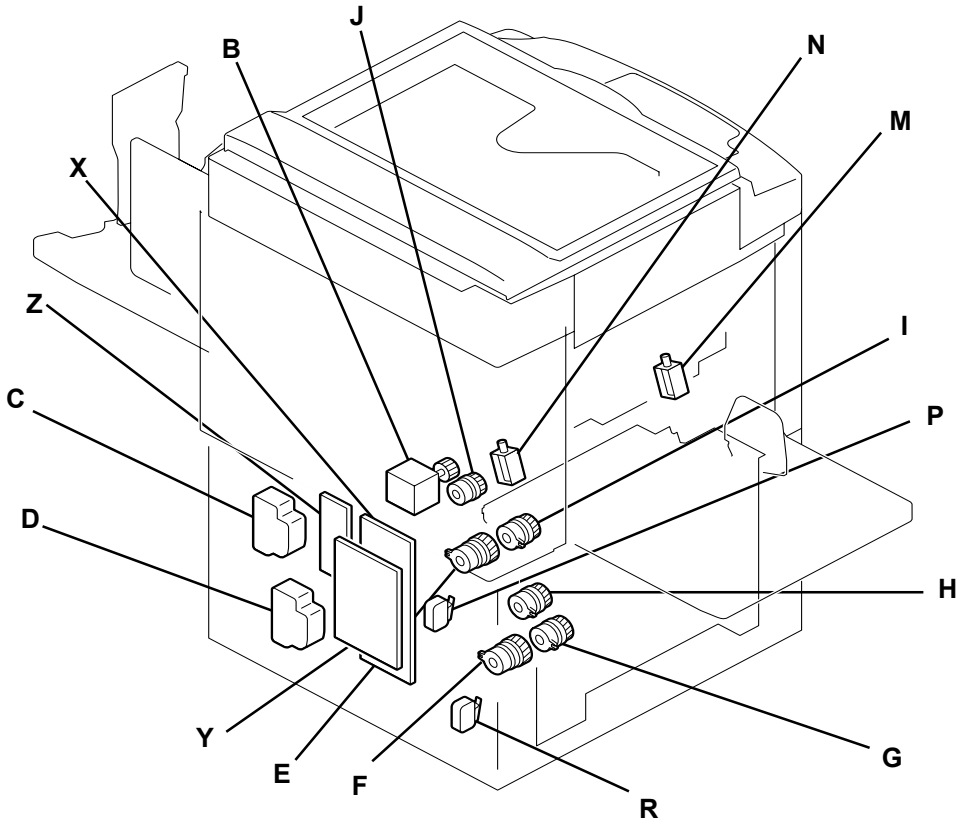
(3) Others

Sym.	Name	Test mode No.
I	ADF guide potentiometer	753, 754
J	ADF control PCB	

10. Многолотковая подача



I2019



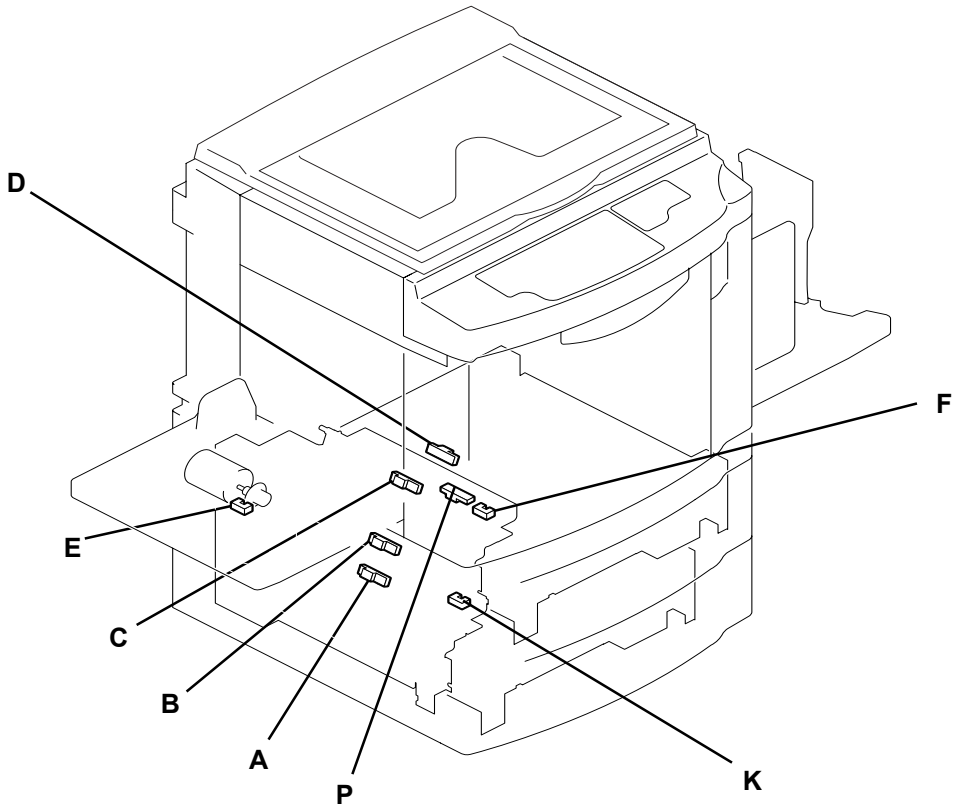
I2020

(1) Motor, Clutch, Solenoid

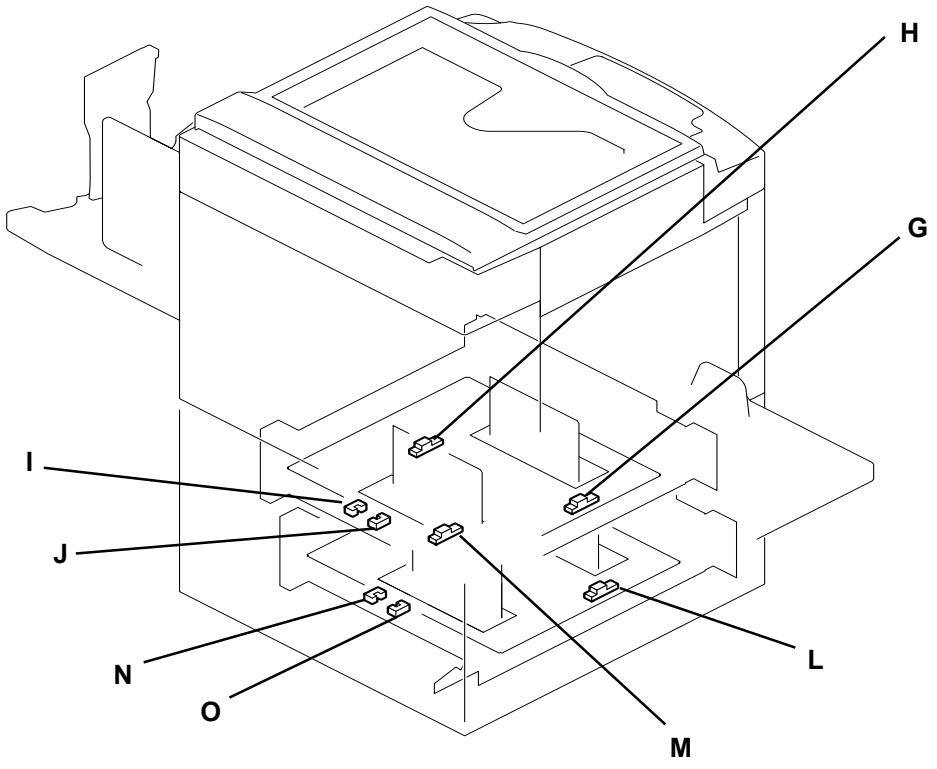
Sym.	Name	Test mode No.
A	Multi-feed tray transfer motor	830
B	Multi-feed tray pickup motor	831
C	Multi-feed tray elevator motor 1	
D	Multi-feed tray elevator motor 2	
E	Multi-feed tray 1 feed clutch	832
F	Multi-feed tray 2 feed clutch	833
G	Multi-feed tray transfer clutch1	834
H	Multi-feed tray transfer clutch2	835
I	Multi-feed tray transfer clutch3	836
J	Multi-feed tray transfer clutch4	837
K	Nip release solenoid 1	
L	Nip release solenoid 2	
M	Nip release solenoid 3	
N	Nip release solenoid 4	

(2) Switches and others

Sym.	Name	Test mode No.
O	Multi-tray transfer safety SW	812
P	Multi-feed tray 1 safety SW	818
Q	Multi-feed tray 1 limit SW	819
R	Multi-feed tray 2 safety SW	825
S	Multi-feed tray 2 limit SW	826
T	Feed Joint Pass. Cover Safety SwMT	827
U	Feed Joint Pass. Cover Safety Sw	524
V	Multi-Tray 1Paper width potentiometer	857, 858, 870, 872
W	Multi-Tray 2Paper width potentiometer	859, 860, 871, 873
X	HCF power supply PCB	
Y	HCF Main PCB	
Z	HCF Drive PCB	



I2021

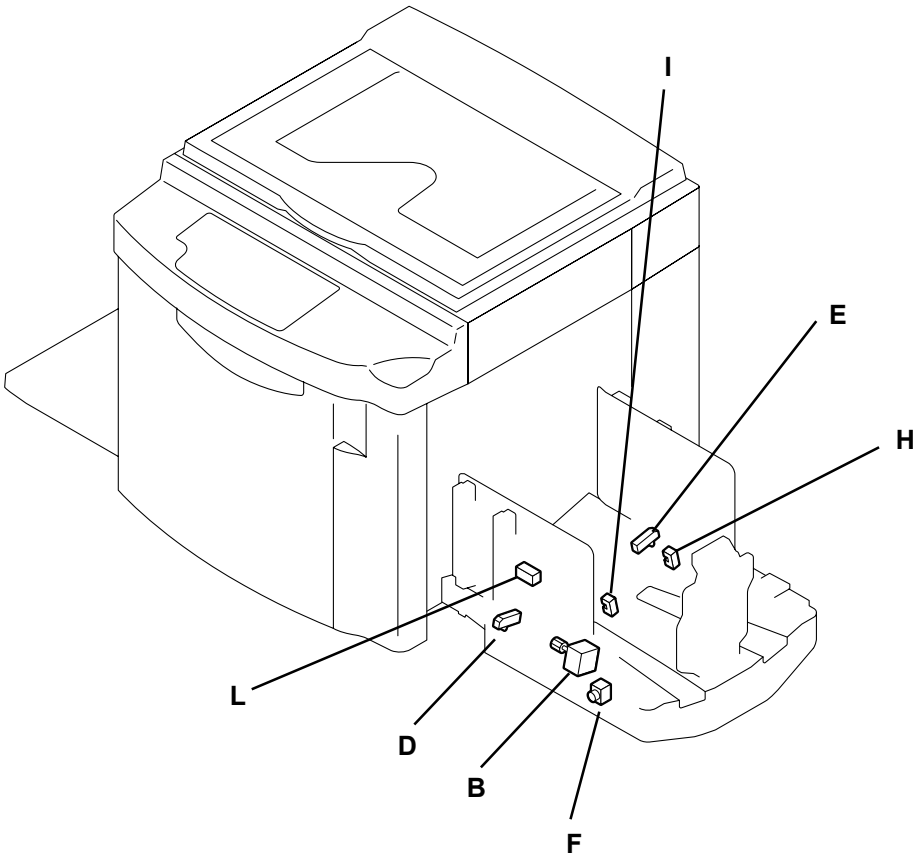


I2022

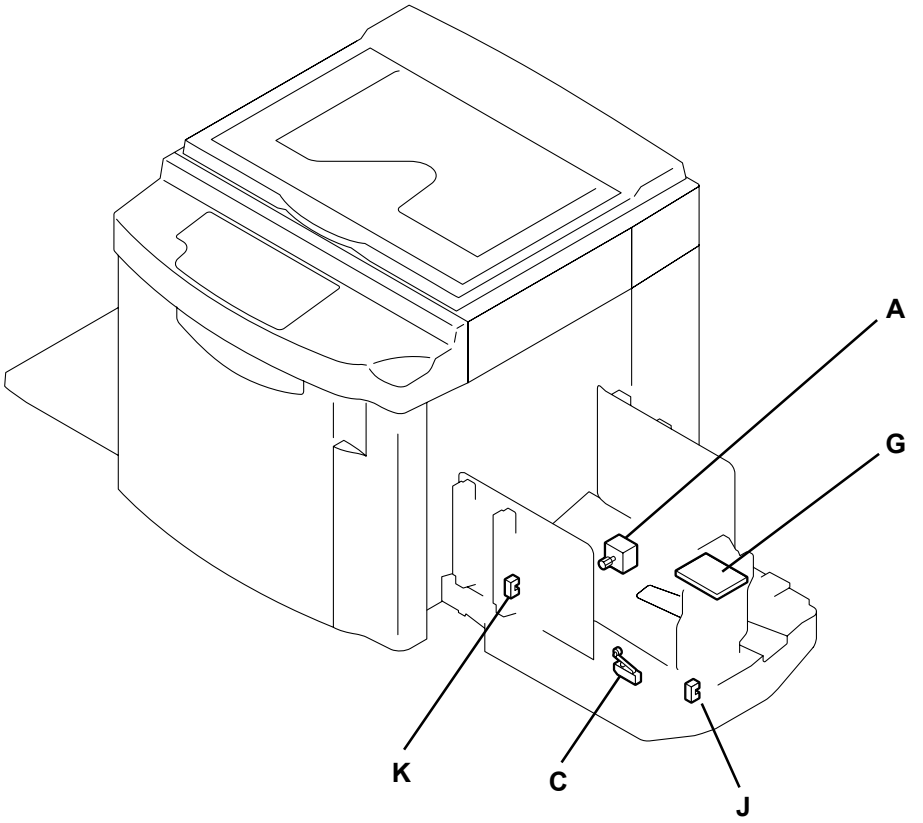
(3) Sensors

Sym.	Name	Test mode No.
A	Multi-tray feed sensor 1	806
B	Multi-tray feed sensor 2	807
C	Multi-tray feed sensor 3	808
D	Multi-tray feed sensor 4	809
E	Multi-tray feed limit sensor	811
F	Multi-feed tray 1 upper limit sensor	813
G	Multi-feed tray 1 paper det. sensor	814
H	Multi-feed tray 1 size sensor	815
I	Multi-feed tray 1 volume sensor1	816
J	Multi-feed tray 1 volume sensor2	817
K	Multi-feed tray 2 upper limit sensor	820
L	Multi-feed tray 2 paper det. sensor	821
M	Multi-feed tray 2 size sensor	822
N	Multi-feed tray 2 volume sensor1	823
O	Multi-feed tray 2 volume sensor2	824
P	Multi-tray 1 pickup sensor	810

11. Автоматически регулируемый приемный лоток



I2023



I2024

(1) Motors

Sym.	Name	Test mode No.
A	Paper stopper motor	
B	Paper guide motor	

(2) Swithes, buttons, others

Sym.	Name	Test mode No.
C	Paper stopper base SW	
D	Paper guide base SW (Right)	
E	Paper guide base SW (Left)	
F	Paper stopper HP button	804
G	Auto tray control PCB	

(3) Sensors

Sym.	Name	Test mode No.
H	Paper guide HP sensor	800
I	Paper guide limit sensor	801
J	Paper stopper HP sensor	803
K	Paper stopper limit sensor	802
L	Auto stacking paper det. sensor	805

Memo