



G4 GEMX™ IntelliFresh® Coffee Brewing System with Dispenser Detection



G4GEMXSIFTR10A3026
Dispenser sold separately



G4GEMXNR10A3026
Dispenser sold separately

READ AND SAVE THESE INSTRUCTIONS

NOTICE TO INSTALLER: Please leave this booklet with the machine.

Diagram illustrating the assembly of a water dispenser, showing various components and their assembly sequence. The diagram includes a main exploded view and two detailed insets labeled A and B.

Main Assembly Components and Labels:

- 1: Dispenser housing
- 2: Top cover
- 3: Water filter
- 4: Water filter housing
- 5A: Water filter housing cap
- 5B: Water filter housing cap
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- 99: Water filter housing cap
- 100: Water filter housing cap

Inset A: Shows the assembly of the water filter housing cap (42) onto the water filter housing cap (41).

Inset B: Shows the assembly of the water filter housing cap (42) onto the water filter housing cap (41).

Assembly Instructions:

- See dispenser user guide for dispenser replacement parts.
- Water tank assembly: see section 1B21

G4GEMXSIFTR10A026 - Main Chassis - Parts List

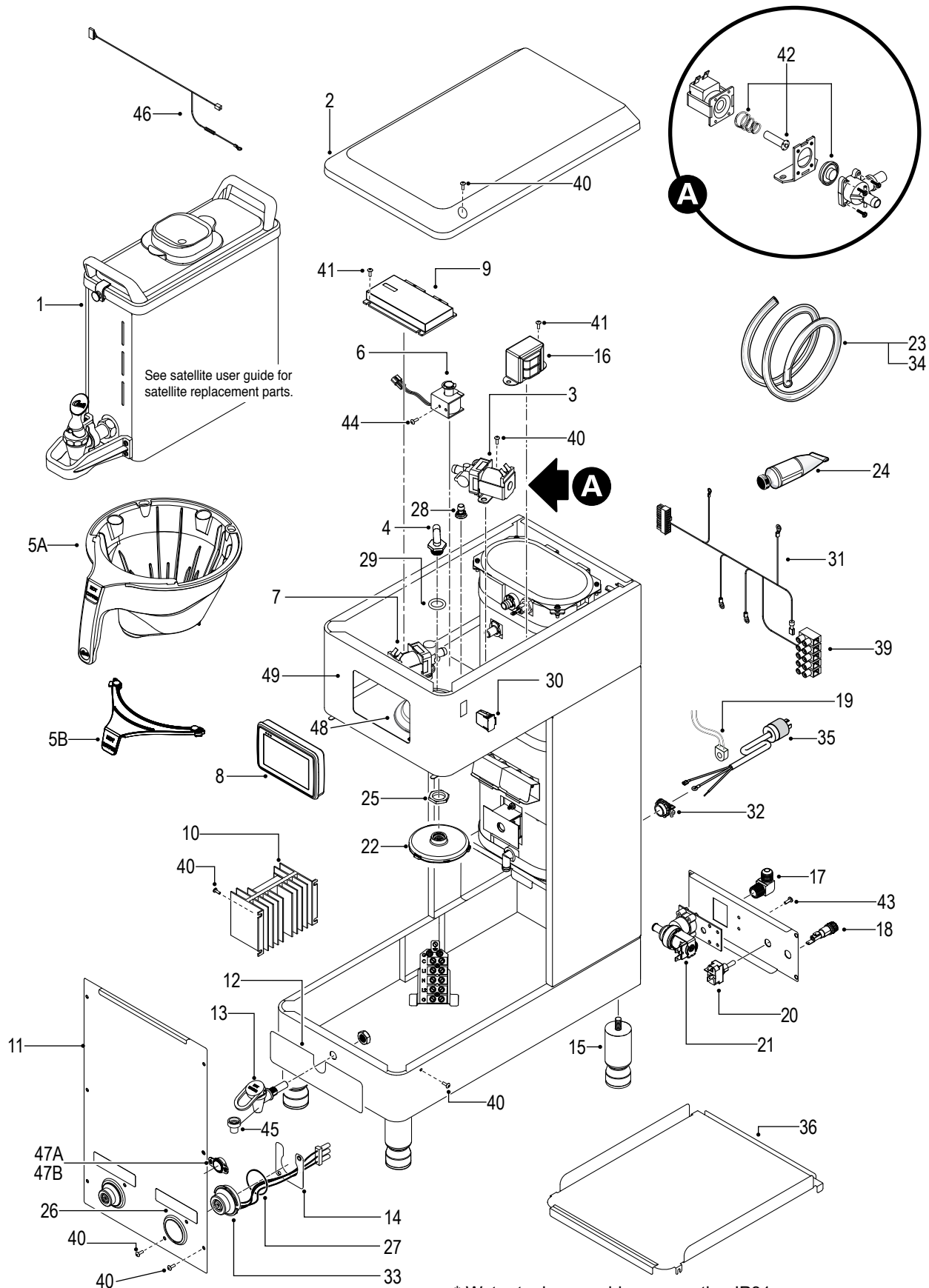
ITEM #	PART #	DESCRIPTION	ITEM #	PART #	DESCRIPTION
1	GEM3XRBA026	DISPENSER, GEMX	26	WC-38504	LABEL, WARNING SHOCK HAZARD INTELLI-FRESH
2	WC-66115	COVER, TOP GEMXSIFT	27	WC-43133	O-RING, 1.424 ID x 1.630 OD x .103 WALL
3	WC-820WDR*	VALVE, DUMP RIGHT 120V 12W	28	WC-29044-101	SLEEVE, OVERFLOW
4	WC-2977K*	KIT, SPRAYHEAD FITTING METAL	29	WC-4320	O-RING, .487 ID x .693 OD x .103 WALL
5A	WC-3417-P	BREW CONE, ASSY W/SPLASH POCKET BRWN STYLIZED GEMIN HOT COFFEE	30	WC-10008	UNIVERSAL HOST ADAPTER USB
5B	FCCSBCBCD-01	FLAVOR CLIP HOT COFFEE BROWN, STYLIZED BREW CONE W/SENSOR	30A	WC-10008-E ³	CONTROL MODULE, USB G4
6	WC-442	SOLENOID, LOCK BREW CONE RIGHT/LEFT 120V	31	WC-13463	HARNESS ASSY, G4GEMSS10/G4GEMS IF
7	WC-844-101	VALVE, BY-PASS, 120V 12W	32	WC-1412	CORD GRIP, 3/4"
8	WC-10000-108	CONTROL MODULE, TOUCH SCREEN MCD	33	WC-571K-R	KIT, IF CONNECTOR- RIGHT
8A	WC-10000-108-E ³	CONTROL MODULE, TOUCH SCREEN MCD	34	WC-5350	TUBE, 1/2 ID x 1/8W SILICONE GEN USE
9	WC-10001	CONTROL MODULE, UPM 120/220V G4	35	WC-1226	CORD, 600V 12/4 6ft W/NEMA L14-20P PLUG
9A	WC-10001-E ³	CONTROL MODULE, UPM 120/240V G4	36	WC-65042-101	DECK, DISPENSER W/A
10*	WC-8559	RELAY, SOLID STATE 280V/40A W/ HEATSINK	37	WC-13491	HARNESS ASSY, COMPLETE RESTRICT BREW
11	WC-58395-102	COVER, FRONT	38A	WC-10047	CONTROL MODULE, RECEIVER, RFID
12	WC-390605	LABEL, BOTTOM DECK GEMXSIFT MCDONALDS	38B	WC-43161	O-RING, 1.114 ID x .070 WALL (for WC-10047)
13*	WC-1809-P	FAUCET ASSY, HOT WATER	38C	WC-10047-E ³	CONTROL MODULE, IR RECEIVER
14	WC-61963	PLATE, HOLDER IF CONNECTORS	39	WC-314	POWER BLOCK, 5 STATION
15*	WC-3543	LEG, 6in ADJUSTABLE 3/8-16 THRD	40	WC-4426	SCREW, 8-32x3/8 PH HEAD TRUSS
16	WC-589-101	TRANSFORMER ASSY, 120VAC-24V 4.8A	41	WC-4514	SCREW, 8-32x3/8 PAN HEAD PH SS
16A	WC-10061-E ³	POWER SUPPLY MODULE, 120/240V-12Vdc	42	WC-37132-101	KIT, VALVE REPAIR FOR DELTROL WC-820WDR, WC-821WDR
17*	WC-2467	COUPLING BODY, SHUTOFF 3/8 NPT PLATED	43	WC-4616	SCREW, 1/4-20 x 1/2 PHILLIPS PAN HEAD SS
18	WC-1501	FUSE, HOLDER ASSY W/5A FUSE	44	WC-4412	SCREW, 10-32x3/16" PH PN HD MS SS
19	WC-14045-101	CURRENT SENSOR ASSY G4	45	WC-1806	SEAT CUP, SILICONE USE ON WC-1809 FAUCET
19A	WC-14045-E ³	CURRENT SENSOR ASSY G4	46	WC-3533	BUMPER, RUBBER 1in DIA.
20*	WC-103	SWITCH, TOGGLE DPST 25A 125/250VAC	47	WC-53169-60	TUBE ASSY, BRAIDED 1/4 FLARE X 60" LG W/ FITTINGS
21	WC-847*	VALVE, INLET 2 GPM 120V 10W	48	WC-390616	LABEL, OUTER TOUCHSCREEN G4GEMXSIFT MCDONALDS
22	WC-29050*	SPRAYHEAD, AMBER ADVANCED FLOW	49	WC-37733 ⁴	KIT ASSY, CONTROL MODULE G4GEMXSIFTR10A3026
23	WC-5310*	TUBE, 5/16 ID x 1/8W SILICONE			
24	WC-5231*	COMPOUND, HEAT SINK 5OZ			
25	WC-4213-P	NUT, 5/8 LOCK PLATED			

*Recommended parts to stock

³ For units built after 8/1/24, contact support for models effected.

⁴ For use when replacing item 8 WC-10000-108 + item 9 WC-10001 + item 16 WC-589-101 + item 30 WC-10008 + item 38A WC-10047 when the warehouse supplies of item 8, item 9, item 16, item 30 & item 38A are no longer available. item 8, item 9, item 16, item 30 & item 38A are not compatible with items 8A, 9A, 16A, 30A & 38C.

G4GEMXNR10A026 - Main Chassis - Exploded View



* Water tank assembly, see section IP31

G4GEMXNR10A026 - Main Chassis - Parts List

ITEM #	PART #	DESCRIPTION
1	GEM3XNRBA026	SATELLITE SERVER, NARROW 120V
2	WC-66115	COVER, TOP GEMXSIFT
3	WC-820WDR	VALVE, DUMP RIGHT 120V 12W
5	WC-3424-101	BREW CONE ASSY, ROTATE STYLE
5B	FCCSBCBCD-01	FLAVOR CLIP HOT COFFEE BROWN, STYLIZED BREW CONE W/SENSOR
6	WC-442	SOLENOID, LOCK 120V BREW CONE RIGHT/LEFT
7	WC-844-101	VALVE, BY-PASS, 120V 12W
8	WC-10000-108	CONTROL MODULE, TOUCH SCREEN MCD
8A	WC-10000-108-E ³	CONTROL MODULE, TOUCH SCREEN MCD
9	WC-10001	CONTROL MODULE, UPM 120/220V G4
9A	WC-10001-E ³	CONTROL MODULE, UPM 120/240V G4
10*	WC-8559	RELAY, SOLID STATE 280V/40A W/ HEATSINK
11	WC-58395-103	COVER, FRONT
12	WC-390654	LABEL, BOTTOM DECK G4GEMXN
13*	WC-1809-P	FAUCET, PS/HPS SERIES HOT WTR 1/2-20 UNF
14	WC-61963	PLATE, HOLDER IF CONNECTORS GEMTIF
15*	WC-3528	LEG, 4" ADJUSTABLE 3/8-16
16	WC-589-101	TRANSFORMER, 120VAC-24V 4.8A
16A	WC-10061-E ³	POWER SUPPLY MODULE, 120/240V-12Vdc
17*	WC-2402P-P	ELBOW, 3/8"FL x 3/8" NPT
18	WC-1501	FUSE, HOLDER ASSY W/5A FUSE
19	WC-14045-101	CURRENT SENSOR ASSY
19A	WC-14045-E ³	CURRENT SENSOR ASSY
20*	WC-103	SWITCH, TOGGLE DPST 25A 125/250VAC
21	WC-847*	VALVE, INLET 2 GPM 120V 9W
22	WC-29050*	SPRAYHEAD, AMBER ADVANCED FLOW
23	WC-5310*	TUBE, 5/16 ID x 1/8W SILICONE
24*	WC-5231	COMPOUND, HEAT SINK 5OZ
25	WC-4213-P	NUT, 5/8 LOCK PLATED
26	WC-38504	LABEL, WARNING SHOCK HAZARD
27	WC-43133	O-RING, 1.424ID x 1.630 OD x .103 WALL

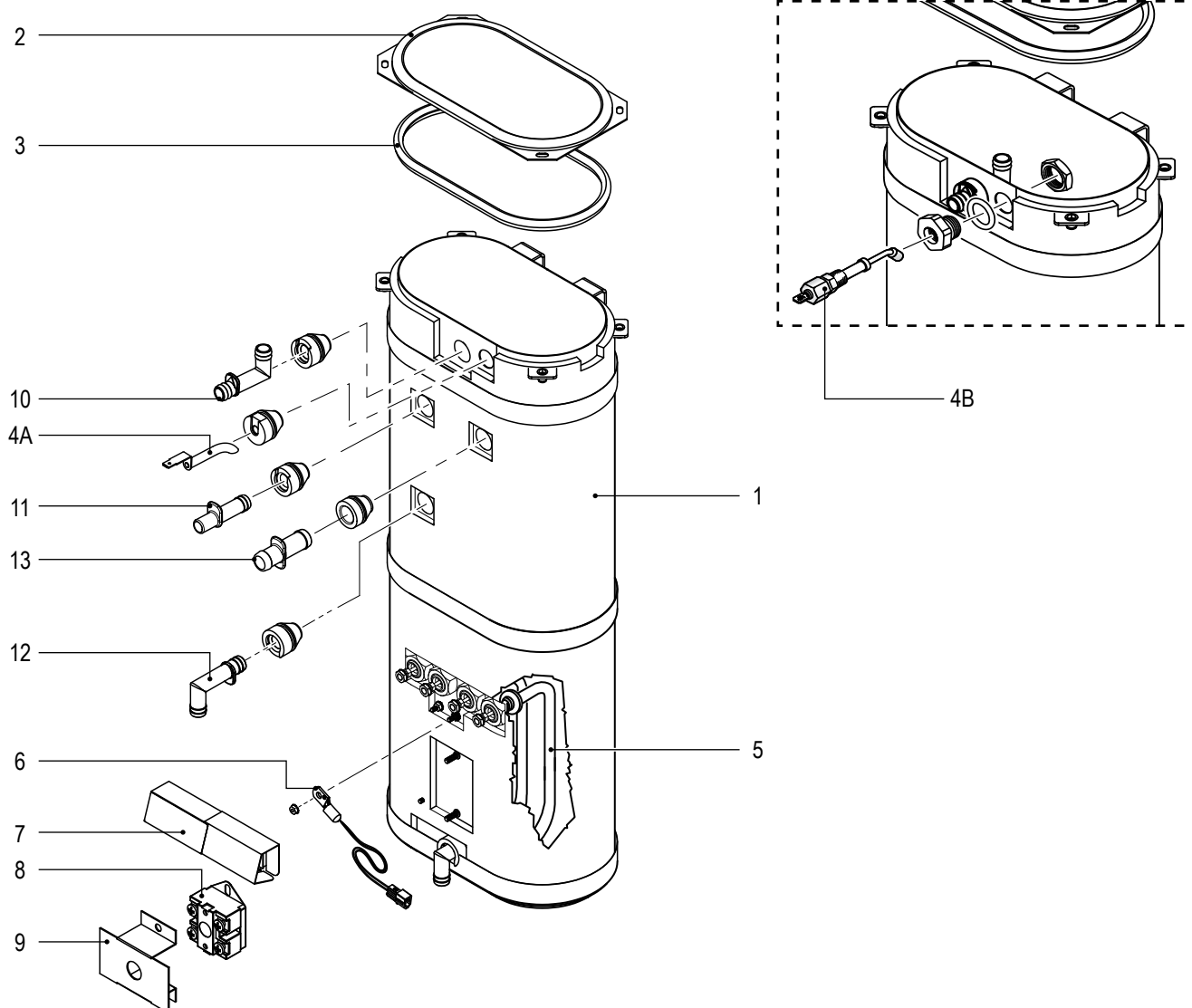
ITEM #	PART #	DESCRIPTION
28	WC-29044-101	SLEEVE, OVERFLOW
29	WC-4320	O-RING, .487ID x .693OD x .103 WALL
30	WC-10008	UNIVERSAL HOST ADAPTER USB
30A	WC-10008-E ³	CONTROL MODULE, USB G4
31	WC-13536	HARNESS ASSY, COMPLETE G4GEMXN
32	WC-1412	CORD GRIP, 3/4"
32A	WC-1522	SOCKET, POWER INLET 16A/250V
33	WC-571K-R	KIT, IF CONNECTOR- RIGHT
34	WC-5350	TUBE, 1/2 ID x 1/8W SILICONE GEN USE
35	WC-1226	CORD, 600V 12/4 6ft W/NEMA L14-20P PLUG
36	WC-65042-101	DECK, SATELLITE W/A
39	WC-314	POWER BLOCK, 5 STATION
40	WC-4426	SCREW, 8-32x3/8 PH HEAD TRUSS
41	WC-4514	SCREW, 8-32x3/8 PAN HEAD PH SS
42	WC-37132-101	KIT, VALVE REPAIR FOR DELTROL WC-820WDR, WC-821WDR, WC-844WDR (NEWER UNITS)
43	WC-4616	SCREW, 1/4-20 x 1/2 PHILLIPS PAN HEAD
44	WC-4412	SCREW, 10-32x3/16" PH PN HD MS SS
45	WC-1806	SEAT CUP, SILICONE USE ON WC-1809 FAUCET
46	WC-13494	HARNESS ASSY, COMPLETE DISPENSER/ BREW CONE DETECT
47A	WC-10047	MODULE, RECEIVER, RFID
47B	WC-43161	O-RING, 1.114in ID x .070 cs (for WC-10047)
47C	WC-10047-E ³	CONTROL MODULE, IR RECEIVER
48	WC-10056	CONTROL MODULE, BREW CONE DETECT SENSOR G4GEMXNR
48A	WC-10056-E ³	CONTROL MODULE, BREW CONE DETECT SENSOR G4GEMXNR
49	WC-390616	LABEL, OUTER TOUCHSCREEN G4GEMXSIFT MCDONALDS
50	WC-37734 ⁴	KIT ASSY, CONTROL MODULE G4GEMXNR10A3026

* Recommended parts to stock

³ For units built after 8/1/24, contact support for models effected.

⁴ For use when replacing item 8 WC-10000-108 + item 9 WC-10001 + item 16 WC-589-101 + item 30 WC-10008 + item 47A WC-10047 + item 48 WC-10056 when the warehouse supplies of item 8, item 9, item 16, item 30, item 47A & item 48 are no longer available. item 8, item 9, item 16, item 30, item 47A & item 48 are not compatible with items 8A, 9A, 16A, 30A, 47A & 48.

WC-62035 - Tank Assembly



WC-62035 - Tank Assembly - Parts List

ITEM #	PART #	DESCRIPTION	ITEM #	PART #	DESCRIPTION
1	WC-62035	TANK, COMPLETE GEMSS W/ULTEM FITTINGS	8*	WC-522	THERMOSTAT, HI LIMIT HEATER CONTROL DPST 277V 40A
2	WC-5853-102	COVER, TOP HEATING TANK GEN USE	9*	WC-43055	GUARD, SHOCK RESET THERMOSTAT (WC-522)
3*	WC-43062	GASKET, TANK LID	10*	WC-37266	KIT, FITTING TANK OVERFLOW
4A ¹	WC-5528K	KIT, WATER LEVEL PROBE, SILICONE	11*	WC-37317	KIT, STRAIGHT FITTING & BUSHING 8mm GEN USE
4B ²	WC-5502-01	KIT, PROBE, ASSY WATER LEVEL W/HEX FITTING, O-RING & NUT	12*	WC-37365	KIT, FITTING TANK INLET
5*	WC-906-04	KIT, ELEMENT, HEATING 2KW 220V W/ JAM NUT & SILICONE O-RING	13*	WC-37357	KIT, STRAIGHT PLASTIC FITTING AND BUSHING 12MM
6*	WC-1438-101	SENSOR, TEMPERATURE TANK			
7*	WC-4394	GUARD, SHOCK/HEATING ELEMENT FOR SINGLE HEATING ELEMENT			

¹ Units built 01/04/2019 and later.

² Units built before 01/04/2019. Replaces WC-5527.

* Recommended parts to stock.