



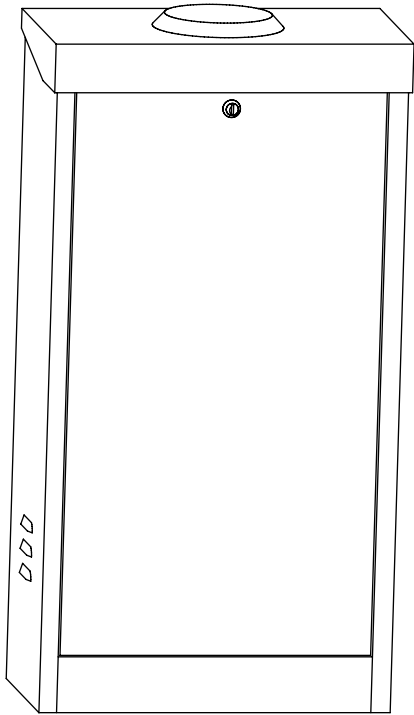
Hunter Golf & Large Turf Controller Replacement Parts Guide

February 2004

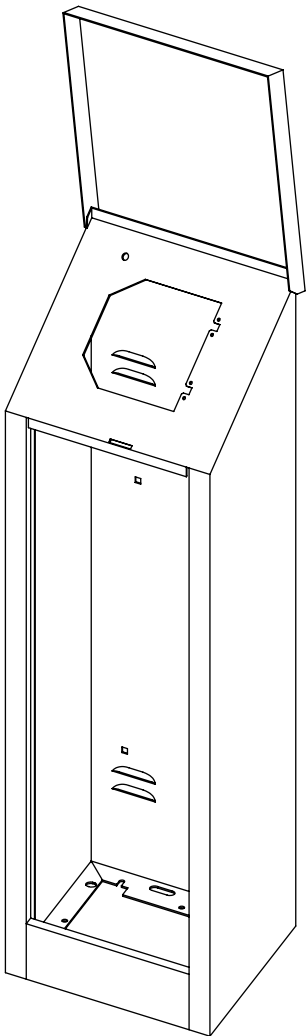
Field Controller Body Styles

Body Style	Production Years		
S Pedestal Series	January, 2003		
S Wall Series			
GFC Series (includes pre-1/03 Genesis and VSX controllers)	January, 1998 – January, 2003		
GWC Series (includes pre-1/03 Genesis and VSX controllers)			
How to identify (in addition to dates of production):			
It is important to identify the body style of a controller before identifying internal electronic components. Locate your controller from the descriptions and illustrations here.			
Current "S" series enclosures are wider than their depth (rectangular base), with 10-station output boards. The wall mount versions include a door lock-open bracket.			
GFC-style pedestals have a roughly square base, with 10-station output boards (may say "Legacy" or Hunter).			
GF controllers are also square, but have larger multi-station output boards (1 or 2 boards max, an upper board and often a lower, 51 stations max) and wider facepack assemblies (may say "Buckner" or "Legacy").			
Radio Modules	Status		
Controllers, central interfaces, and other devices have used at least 5 different radio modules in their evolution. Some older units may be repairable, but are no longer available as replacements. Upgrading to RADIO2KT requires upgrading radio communications board at the same time.			
Module	Description	Field Controller	Central
"Old Maxon" (also known as the "humpback Maxon")	Crystal-controlled DM0530 radio modem (discontinued).	No longer available; upgrade to GFKTR or GFCKTR	No longer available; upgrade to GCRCOMKT
"Flat Maxon"	Crystal-controlled DM0530 radio modem for Maintenance Radio (discontinued).	n/a	Replace with GMRR or GMRHW
"Tekk"	Crystal-controlled replacement for DM0530 - no longer used - some replacements available.	No longer available; upgrade to GFKTR or GFCKTR	As central radio, use GCRCOMKT; if used as MR, use GMRR/GMRHW
"mini-Tekk"	Rare, smaller unit in older GMR setups - no longer available.	n/a	No replacement; update central (contact factory)
RADIO2KT	Current synthesized, narrowband radio module, in use since 1998.	Current product	Current product

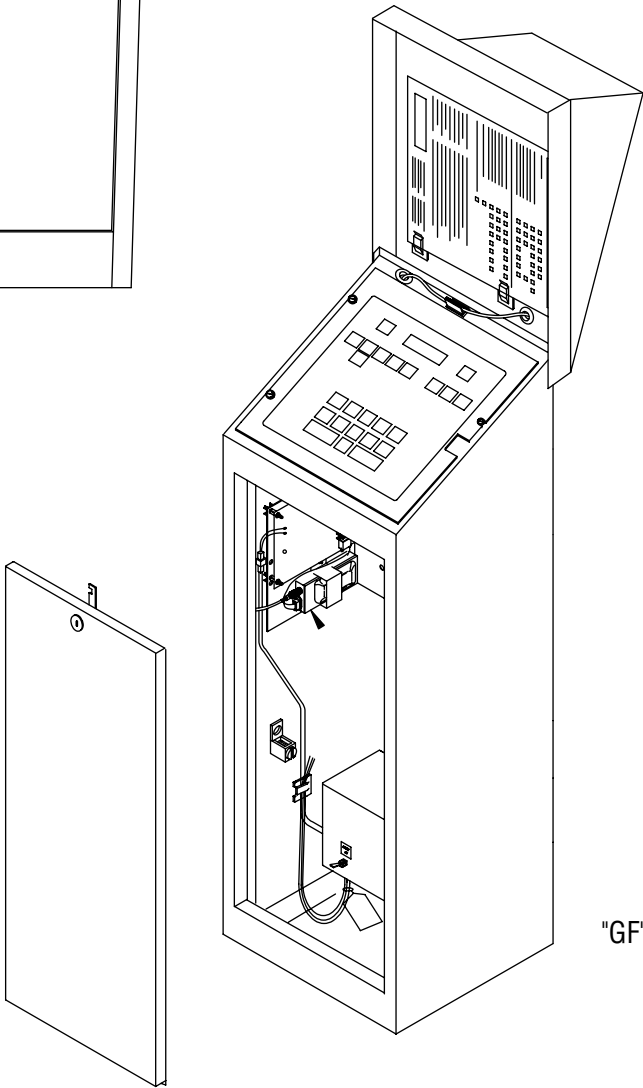
Parts and Components



"S" Series



"GFC" Series

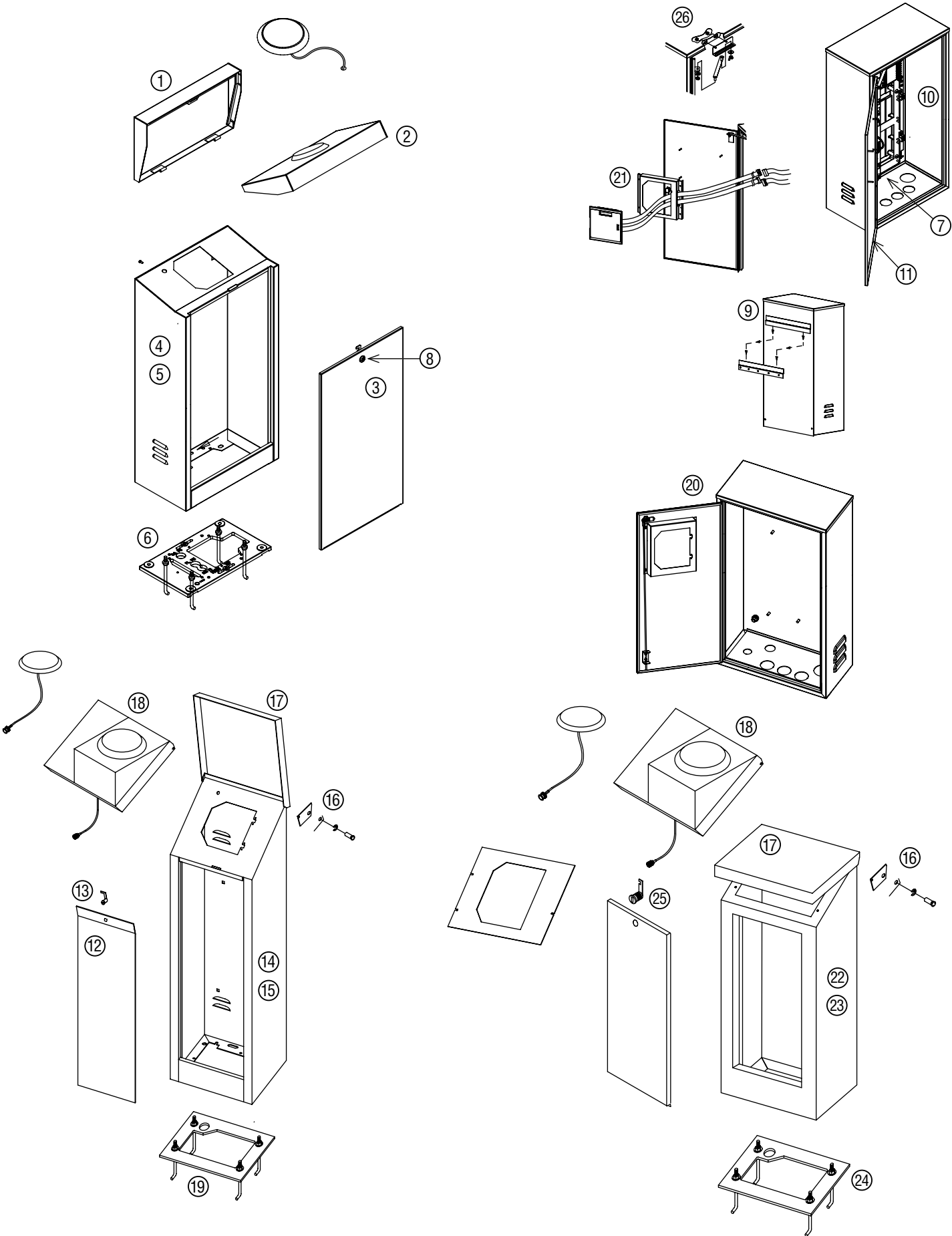


"GF" Series

Steel Enclosure Kits

S Series (January 2003+)		
Part	Model	Description
①	FCSLIDKT	Lid kit
②	FCSRLIDKT	Radio Lid kit, inc. antenna
③	FCSDOORKT	Replacement Pedestal Door, inc. lock assembly
④	FCSPEDKTR	Complete replacement Radio Pedestal with back plane, antenna & lid, & door
⑤	FCSPEDKT	Complete replacement Standalone or hardwire Pedestal with back plane, lid, & door
⑥	TEMPLT2	Mounting template and hardware for S pedestal
⑦	BACKPLANEKT	Plastic backplane for mounting electronic components (also rear panel of plastic wall mount)
⑧	FCSDLKT	Steel Pedestal Door Lock kit w/keys
⑨	WCSMNTKT	Wall Controller Mount kit
⑩	WCSCABKT	Complete replacement Wall cabinet with back plane & door
⑪	WCSDLKT	Wall Mount Door Lock w/keys
⑫	WFPBKT	Inner Door Bracket for facepack (GWCS, GWCP series)
⑬	WCSDSKT	Door stop for wall mount door
GFC/GWC Series (Jan 98 - Jan 03)		
⑭	FCDOORKT	Replacement Pedestal Door, inc. lock assembly
⑮	FCLOCKKT	Lock assembly with keys
⑯	FCPEDKTR	Complete replacement Radio Pedestal with antenna, lid, & door
⑰	FCPEDKT	Complete replacement standalone or Hardwire Pedestal with door & lid
⑱	FCHINGEKT	Hinge pins, clips and spacers for lid
⑲	FCLIDKT	Plain Lid for standalone or hardwire pedestals
⑳	GFCKTRASPL	Radio Lid kit, inc. antenna (also fits GF controllers)
㉑	TEMPLT	Mounting template and hardware for GFC, GF pedestal
㉒	WCCABKT	Complete replacement wall mount cabinet
GF Series (Pre-98)		
㉓	575056	Complete replacement pedestal for GF standalone/hardwire
㉔	575057	Complete replacement pedestal for GF radio (inc. antenna)
㉕	TEMPLT	Mounting template and hardware for GFC, GF pedestal
㉖	FCLOCKKT	Lock kit w/ keys
㉗	FCLIDKT	Plain Lid for standalone or hardwire pedestals
㉘	GFCKTRASPL	Radio Lid kit, inc. antenna

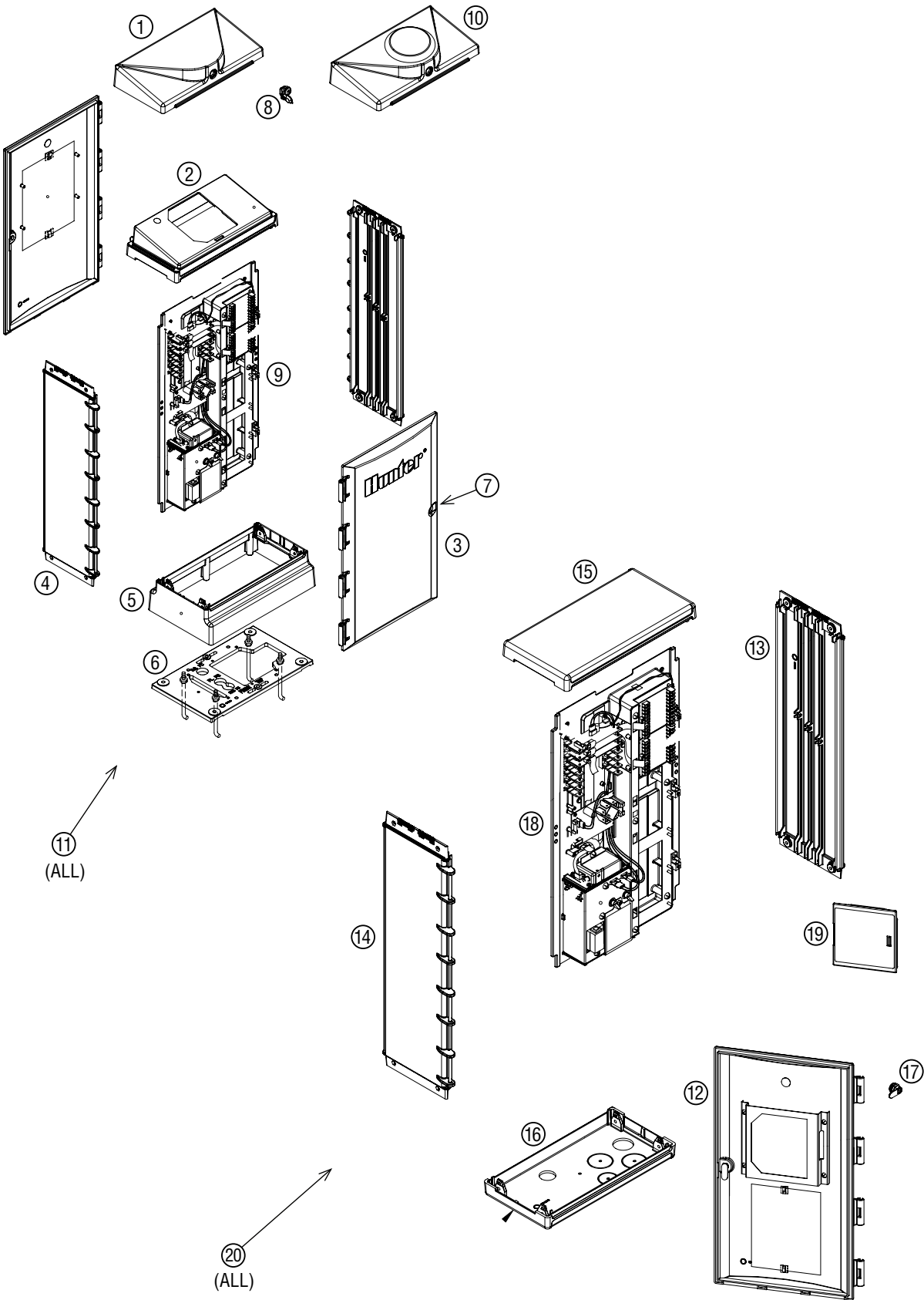
Parts and Components



Plastic Enclosure Kits

GFCP/GWCP/VFCP/VWCP (Fit all conventional and decoder configurations)		
Plastic Pedestals (All)		
Part	Model	Description
①	FCPLKT	Lid Kit
②	FCPCKT	Cap Kit
③	FCPDKT	Door Kit
④	FCPSKT	Side Kit
⑤	FCPBKT	Base Kit
⑥	TEMPLT2	Template Kit
⑦	FCPDLKT	Lock Assembly, Door
⑧	FCPLLKT	Lock Assembly, Lid
⑨	BACKPLANEKT	Plastic Backplane for Mounting Electronic Components (also rear panel of wall mount)
⑩	FCPLRKT	Radio Lid Assembly (includes antenna)
⑪	PEDP1	Complete Plastic Pedestal (Flat Top)
Plastic Wall Mounts (All)		
⑫	WCPDKT	Wall Mount Door Kit
⑬	WCPSKT	Wall Mount Right Side Kit (no hinges)
⑭	FCPSKT	Wall Mount Left Side Kit (with hinges)
⑮	WCPTT	Top Kit (also fits GFDP drone controllers)
⑯	WCPBKT	Wall Mount Bottom Kit
⑰	FCPDLKT	Lock Assembly, Door
⑱	BACKPLANEKT	Plastic Backplane for Mounting Electronic Components (also rear panel of wall mount - includes gasket tape)
⑲	WFPBKT	Inner Door Bracket for facepack (GWCS, GWCP series)
⑳	WALP1	Complete Wall Mount Enclosure

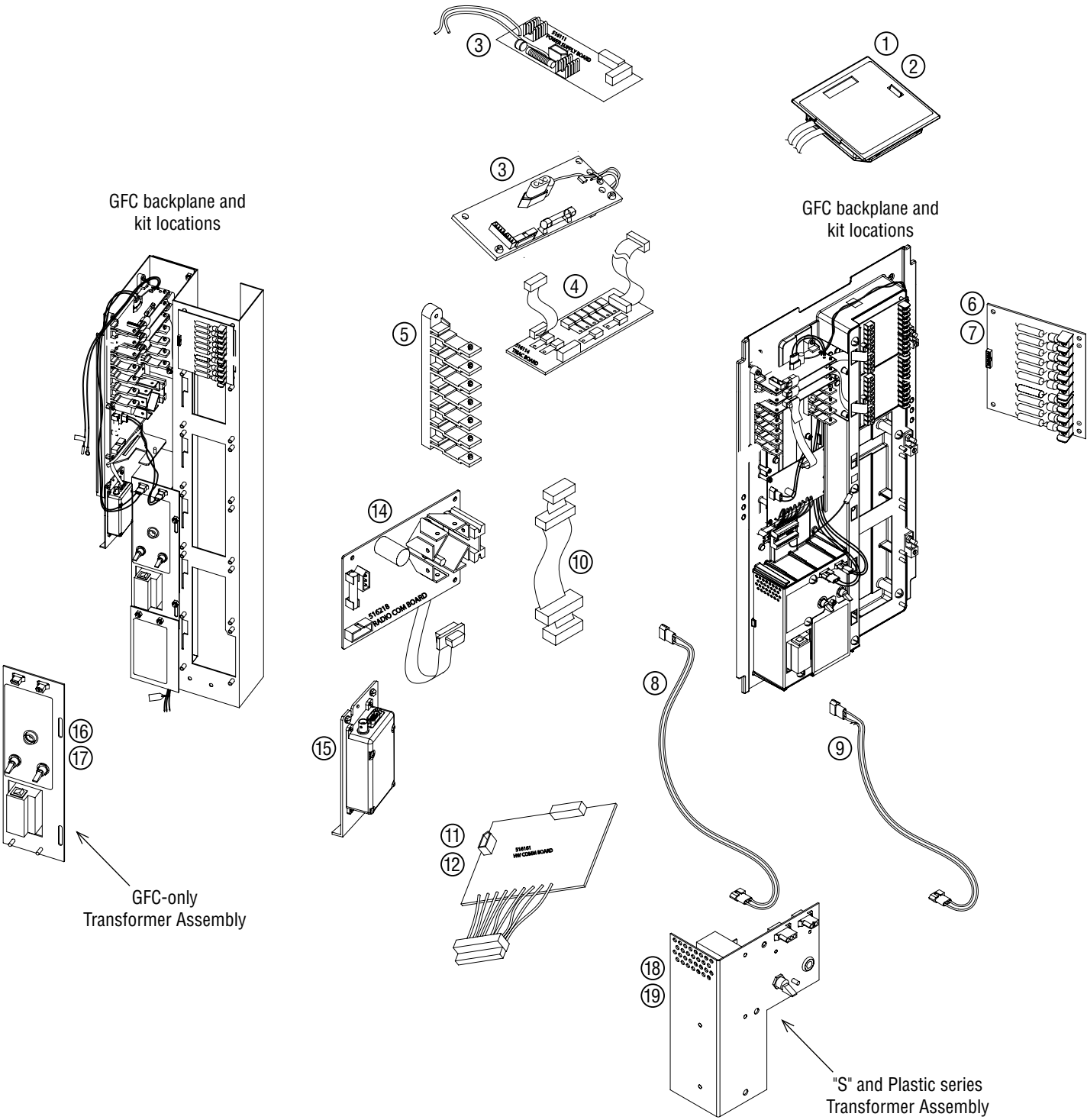
Parts and Components



Conventional Controller Components

(Jan. 1998 - Present)		
Part	Model	Description
①	VFCKTFP	VSX Keypad Facepack Kit
②	GFCKTFP	Genesis Keypad Facepack Kit
③	GFCKTPSB1	Power Supply Brd Kit
④	TB10	Triac Brd 10 Sta.
⑤	GFCKTRK	Rack Kit (set of 2)
⑥	LPB10	Lightning Protection/Output board, 10 Sta.
⑦	LPB10SW	Lightning Protection/Output board, 10 Sta. w/ manual switches
④ ⑥	GFCKTEXP10	10 Sta. Expansion Kit includes TB10 and LPB10
④ ⑦	GFCKTEXP10S	10 Sta. w/ switches Expansion Kit includes TB10 and LPB10SW
⑧	516140	PSB1 Power Cable assembly
NS	562190	VSX Instruction Card
NS	562119	Genesis Instruction Card
⑨	516141	Communications Board Wire Harness
⑩	516237	Adapter Cable – Communication Board
NS	562191	VSX Controller Manual
NS	562114	Genesis Controller Manual
Communication Modules		
⑪	GFCKTHW	Hardwire Upgrade Kit for Stand-alone
⑫	GFCKTCBHW	Hardwire Replacement Communications Board
⑭ ⑮	GFCKTR	Radio Upgrade Kit for Stand-alone (inc. radio, specify frequency; does not include lid)
⑭	GFCKTCBR2	Radio replacement communications board (new RADIO2KT only)
NS	GFCKTRASPL	Stealth Antenna Lid Kit (see steel enclosure parts)
NS	RASREM	Remote Stealth Antenna Mount (inc. antenna)
⑮	RADIO2KT	Radio Module, Synthesized
Transformer Options		
⑯	GFCKTTFR1	110 VAC Transformer Kit, GFC Controllers only
⑰	GFCKTTFR1SV	220 VAC Transformer Kit, GFC Controllers only
⑱	FCPKTTFR2	Transformer Kit 110 vac, Plastic and S Series Controllers
⑲	FCPKTTFR2SV	Transformer Kit 220 vac, Plastic and S Series Controllers
Note: (GF Components on separate page); NS = Not Shown		

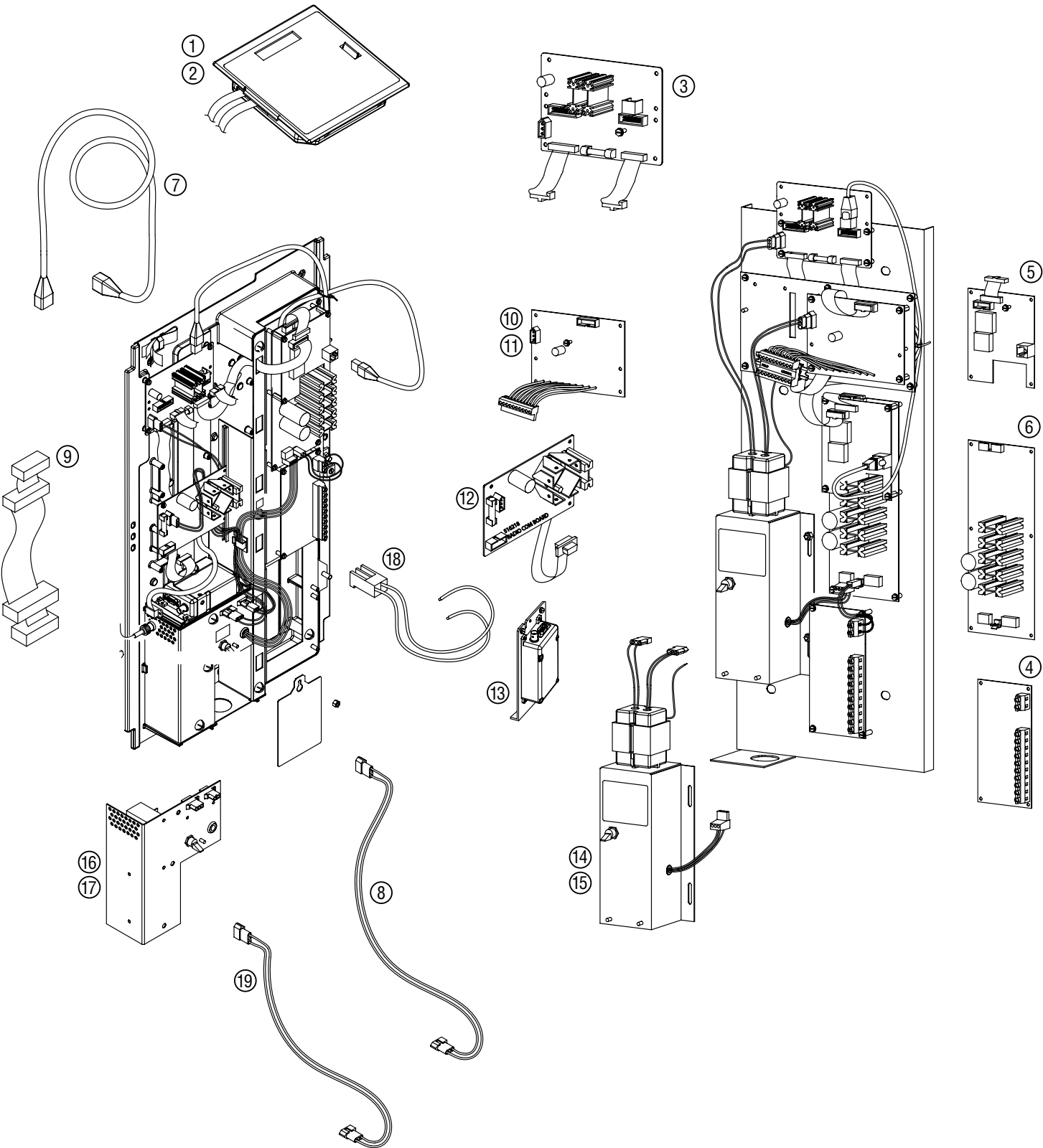
Parts and Components



Decoder Controller Components

(Jan. 1998 - Present)		
Part	Model	Description
①	VFCKTFP	VSX Facepack Kit
②	GFCKTFP	Genesis Facepack Kit
③	VKTPSB2	Decoder Power Supply Board Kit
④	VLPTKT	Decoder Lightning/Output Board
⑤	VCPUKT	Decoder CPU Board
⑥	VTRNSKT	Decoder Transmitter Board
⑦	516238	RJ45 Cable
NS	562190	VSX Instruction Card
NS	562119	Genesis Instruction Card
⑧	516140	Power Supply Board Wire Harness
⑱	516143	Transmitter Cable
⑨	516237	Adapter Cable – Communication Board
NS	562191	VSX Controller Manual
NS	562114	Genesis Controller Manual
⑲	516141	Communications Board Wire Harness
Communication Modules		
⑩	GFCKTHW	Hardwire Upgrade Kit for Stand-alone
⑪	GFCKTCBHW	Hardwire Replacement Communications Board
⑫ ⑬	GFCKTR	Radio Upgrade Kit for Stand-alone (inc. radio, specify frequency; does not include lid)
⑫	GFCKTCBR2	Radio replacement communications board (new RADIO2KT only)
NS	GFCKTRASPL	Stealth Antenna Lid Kit (see steel enclosure parts)
NS	RASREM	Remote Stealth Antenna Mount (inc. antenna)
⑬	RADIO2KT	Radio Module, Synthesized
Decoder Utility Software		
NS	DECMANUP	Decoder Manager Software Update
NS	DECMAN	Decoder Manager Software & Cable
NS	516177	Replacement Cable for DECMAN
Transformer Options		
⑭	GVKTTFR1	Decoder Transformer Kit, 110VAC (GFC series only)
⑮	GVKTTFR1SV	Decoder Transformer Kit, 220VAC (GFC series only)
⑯	FCPVKTTFR2	Decoder Transformer Kit, 110VAC (Plastic and S series)
⑰	FCPVKTTFR2SV	Decoder Transformer Kit, 220VAC (Plastic and S series)
NS = Not Shown		

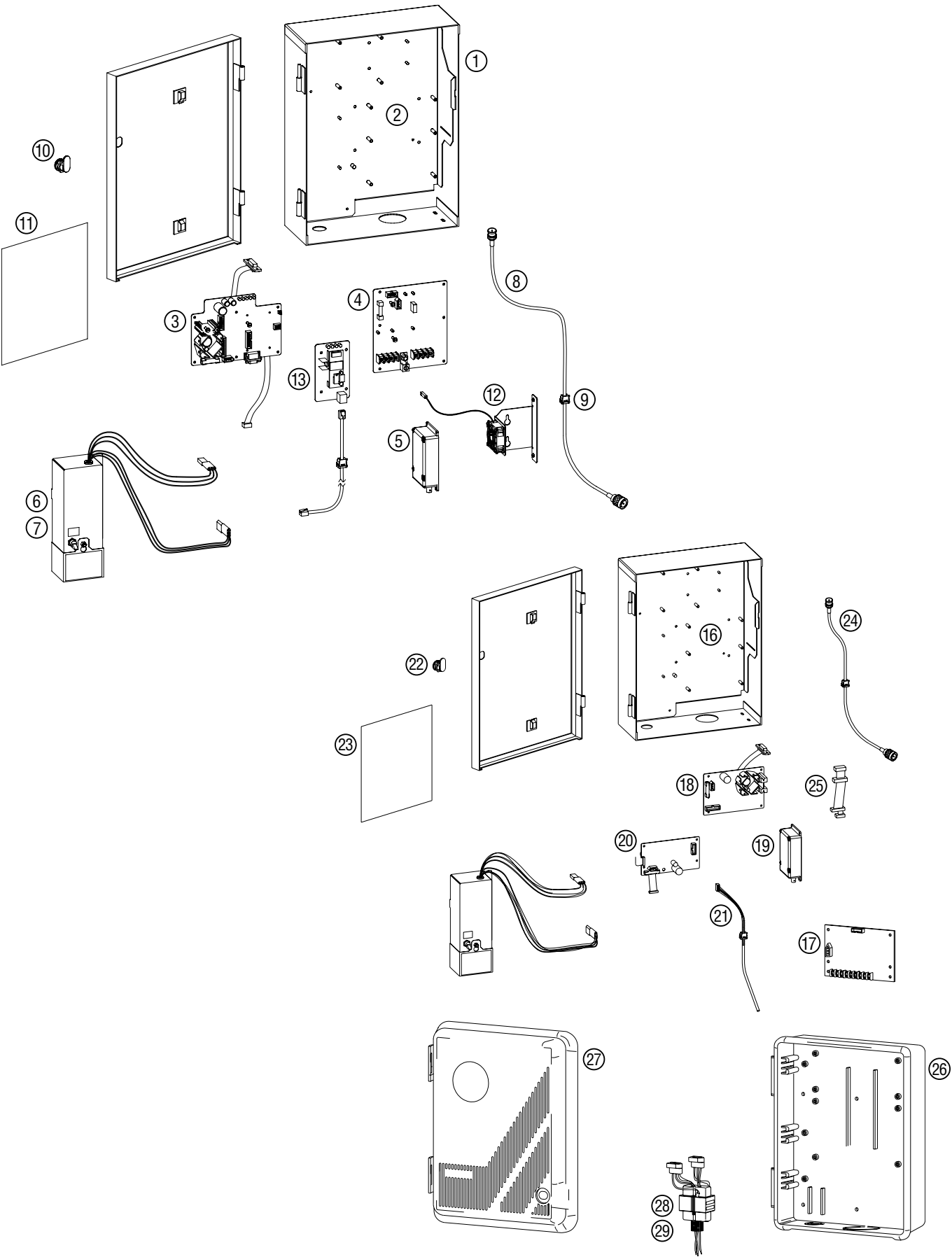
Parts and Components



TriSend Kits

Part	Model	Description
①	TRIKTENC	TriSend Enclosure Kit w/o Inner Panel
②	TRIKTIP	TriSend Inner Panel Assembly
③	TRIKTRB	TriSend Central Radio/CPU Board
④	TRIKTHWB	TriSend Central Hardwire Board
⑤	RADIO2KT	Radio Module (specify frequency)
⑥	TRIKTTFR	Transformer Kit 110VAC
⑦	TRIKTTFRSV	Transformer Kit 220VAC
⑧	516090	Radio Antenna Cable Extension
⑨	504461	Strain Relief Bushing
⑩	387300	Lock Assembly, Door
⑪	562195	TriSend Central Instruction Card
⑤ ⑫	TRIRADKT	Radio Module Kit, includes Bracket/Fan Assembly and Radio, for Retrofit to NR Versions. Specify Frequency When Ordering.
⑫	TRIRADKTNR	Radio Module Kit, includes Bracket/Fan Assembly Only (No Radio), for International Retrofit Customers Only
⑬	TRIMODKT	TriSend Telephone Modem Board & Phone cable
Contained in 12	516304	TriSend Fan Assembly
Data Retrieval Kits		
Body Style		Production Years
GENDAT Plastic Case		January 1998 – April 2002
DAT Steel Case		April 2002 – Present
Part	Model	Description
⑭	TRIKTTFR	Transformer Assembly 110VAC (DAT versions only)
⑮	TRIKTTFRSV	Transformer 220VAC (DAT-SV versions only)
⑯	TRIKTENC	Case Assembly (steel)
⑰	DRKTHW	H/W Comm Brd
⑱	GFKTCBR2	Radio Replacement Communications Board
⑲	RADIO2KT	Radio Module Only (specify frequency)
⑳	DRKTCPU	Data Retrieval PCB
㉑	516178	Sensor Port Cable Only
㉒	387300	Lock Assembly (for steel door)
㉓	502564	Information Card (inside door)
㉔	516090	Radio Antenna Cable Extension
㉕	516237	Communications Cable Adapter
㉖	GCKTCASE	Plastic Case Assembly (for GENDAT series)
㉗	GCKTDOOR	Plastic Door & Lock Kit (for GENDAT series)
㉘	DRKTTFR	Transformer Assembly 110VAC (GENDAT versions only)
㉙	DRKTTFRSV	Transformer Assembly 220VAC (GENDAT-SV versions only)

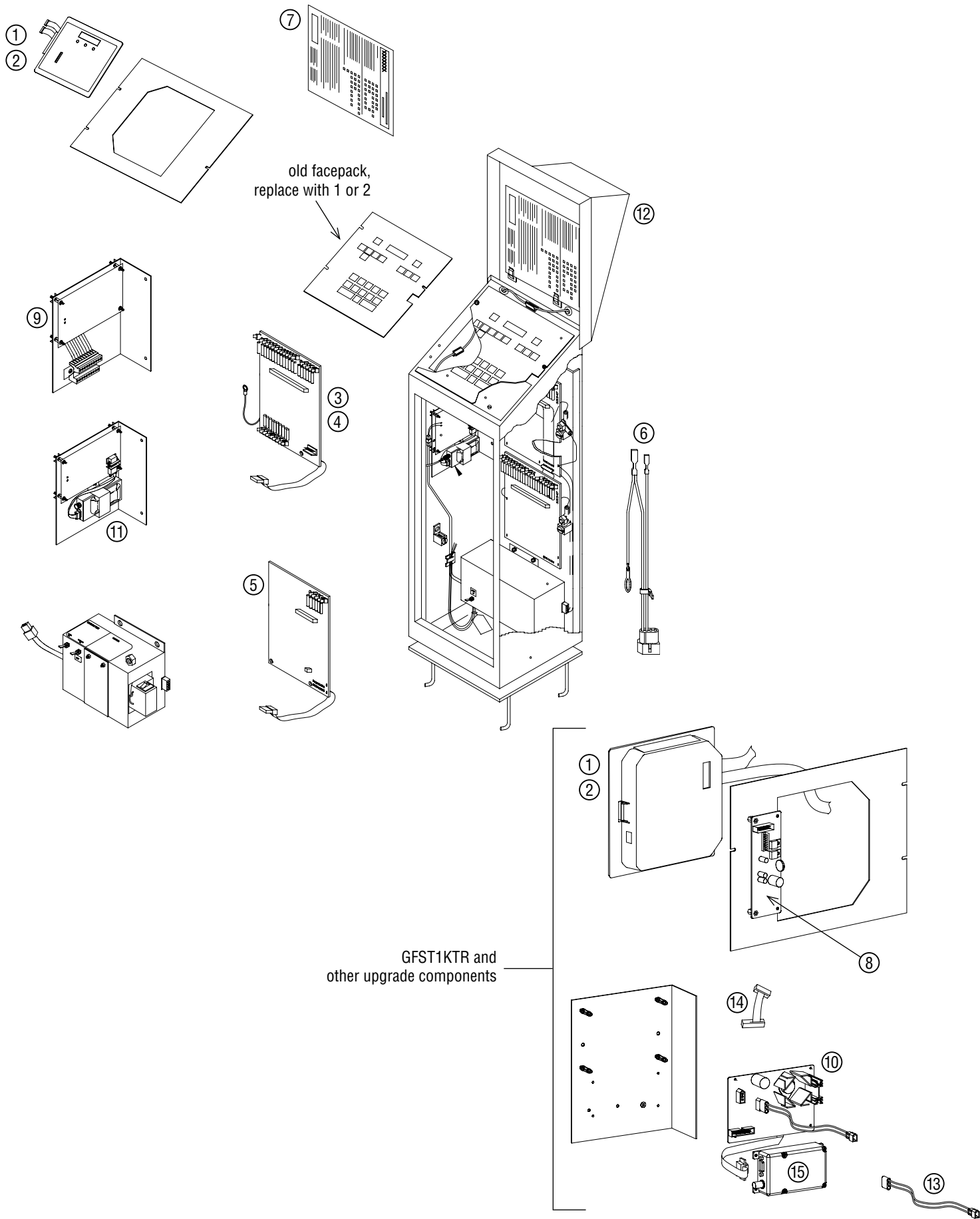
Parts and Components



GF Controller Kits

(Pre-1998)		
Part	Model	Description
①	GFFPKT	Genesis Facepack Kit (new style with adapter plate)
②	VFFPKT	VSX Facepack Kit (new style with adapter plate)
③	57504430	30 Station Upper Output Board (use for all station sizes up to 30)
④	57504436	36 & 51 Station Upper Output Board
⑤	57504551	51 Station Lower Output Board (use for 36 and 51 station controllers)
⑥	515649	Output Board Power Cable
⑦	562010	Instruction/Valve Card
⑧	GFKTPSB	Power Supply Board for GFFPKT & VFFPKT
①	GFCKTFP	Replacement Facepack for GFFPKT (no faceplate or PSB)
②	VFCKTFP	Replacement Facepack for VFFPKT (no faceplate or PSB)
Communication Modules		
⑨	GFKTH	Standalone to Hardwire Upgrade Kit (inc. bracket)
① ② ⑧ ⑩ ⑮	GFST1KTR	Straight Talk Upgrade Kit, includes facepack (also used for standalone to radio upgrades), no lid.
⑩ ⑮	GFKTR	Radio Upgrade Kit (Bracket, Radio Comm, Radio), no lid (Old unit shown in illustration - use GFCKTR)
⑨	GFCKTCBHW	Hardwire Communications Board Replacement
⑩	GFCKTCBR2	Radio Communications Board Replacement (for RADIO2KT-equipped GF controllers)
⑪	575047	Radio Communications Board Replacement (for "old Maxon" crystal Radios)
⑫	GFCKTRASPL	Stealth Antenna Lid Kit
NS	RASREM	Remote Stealth Antenna mount (inc. antenna)
⑬	516185	Old Transformer to New Comm Board Power Cable
⑭	516302	New Facepack to GF Comm Board Cable Adapter
NS	516305	New Comm Board to Old GF Facepack Cable Adapter
⑮	RADIO2KT	Radio Module, Synthesized (requires GFCKTCBR2)
Transformer Options		
⑯	575049	110VAC Transformer Assembly
⑰	57504950	220VAC Transformer Assembly
NS = Not Shown		

Parts and Components

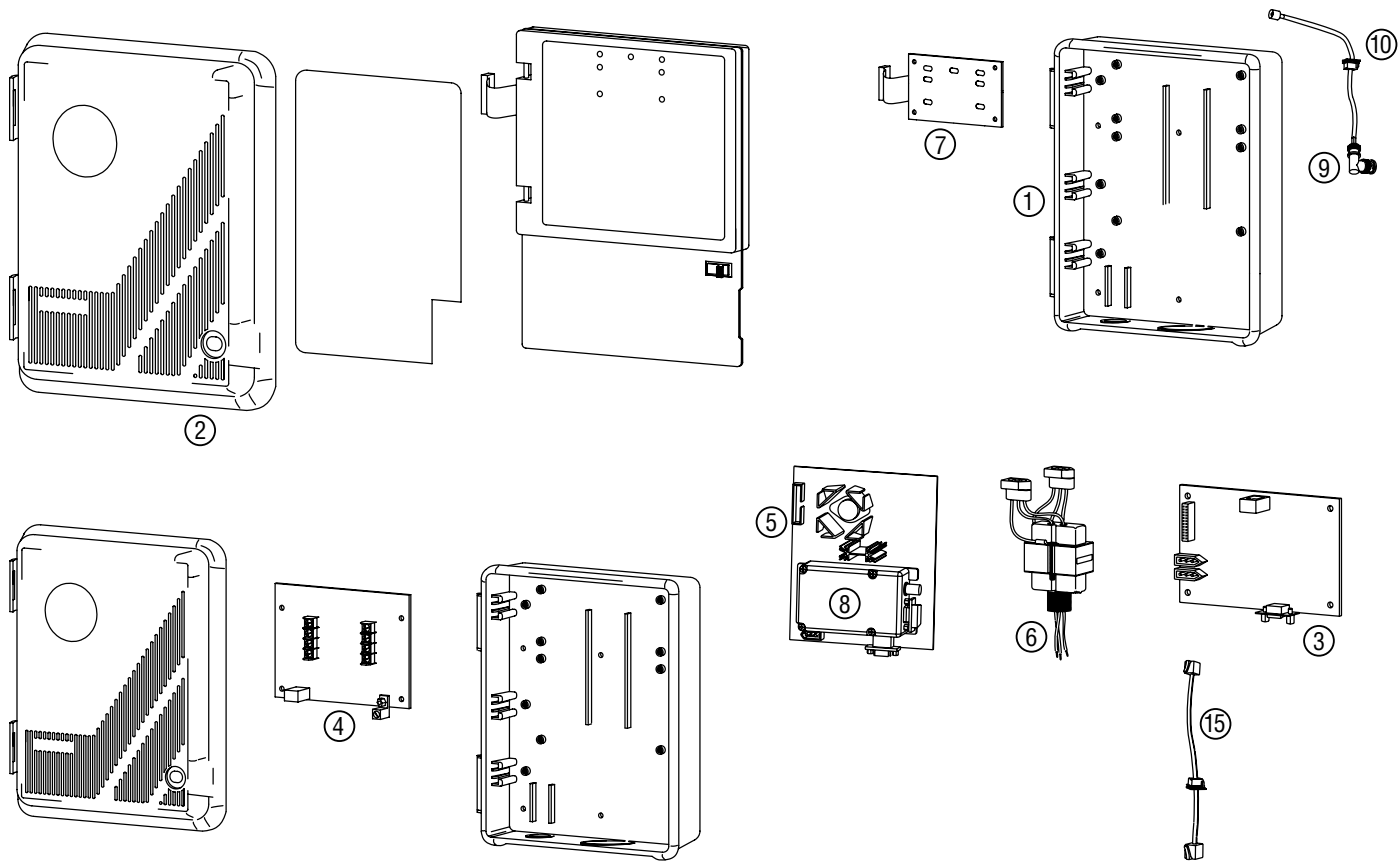


Older Central Interface Kits

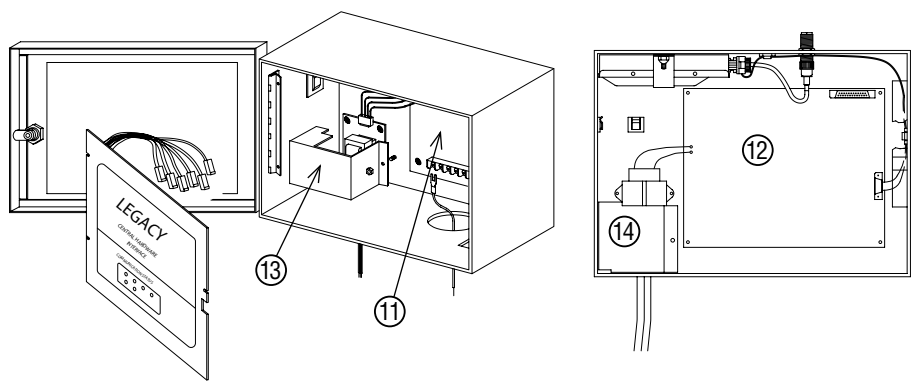
Body Style		Production Years
"Old Steel" case		1992-1998
Plastic case		1998 - 2002
New steel case (TriSend, DAT)		2002
Part	Model	Description
①	GCKTCASE	Plastic Case assembly (for GCR, GCHW)
②	GCKTDOOR	Door & lock kit (for GCR, GCHW)
⑤ ⑧	GCRCOMKT	Tekk-to-RADIO2KT Conversion Kit (inc. board & radio)
NS	GCHWSRGKT	GCHW Surge Kit (inc. HW board and outlet strip)
③	GCHWPCBRD	GCHW Indoor PCB
④	GCHWOUTBRD	GCHW Outdoor PCB
⑤	GCRCBRD	GCR Comm Board w/o Radio
⑥	GCHWTFRKT	GCHW 110VAC Transformer Assembly
⑥	GCHWTFRKTSV	GCHW 220VAC Transformer Assembly
⑥	GCRTFRKT	GCR 110VAC Transformer Assembly
NS	629001	Replacement Surge Protector
⑦	516086	GCR LED board
⑦	516085	GCHW LED board
NS	516088	GCR MR Board (for radio)
NS	516087	GCHW MR Board (for hardwire)
⑧	RADIO2KT	Replacement Radio Module
NS	GMRR*	Maintenance Radio Upgrade for GCR or replacement for Maxon MR radio module (inc. facepack, new RADIO2KT)
NS	GMRHW*	Maintenance Radio Upgrade for GCHW or replacement for Maxon MR radio module (inc. facepack, new RADIO2KT)
⑮	516253	RJ-45 Cable Assembly for GCHW
⑨	516090	Radio Antenna Cable Extension
⑩	504461	Strain Relief Bushing
Old Steel Central Kits		
⑪	575050	Replacement Hardwire Central Interface PCB
⑫	575051	Replacement Radio Central Interface PCB
⑬	575052	110VAC Transformer Assembly for Hardwire Central
⑬	57505250	220VAC Transformer Assembly for Hardwire Central
⑭	575053	110VAC Transformer Assembly for Radio Central
* while supplies last, NS = Not Shown		

Parts and Components

Plastic Centrals



Older Steel Centrals



Compatibility Guide

Controller Kits	Fits in...	Purpose...
GFCCKTR	GFC/GWC controllers	Upgrade standalone GFC/GWC or S series to radio communications (order antenna/lid separately)
GFCCKTHW	GFC/GWC controllers	Upgrade standalone GFC/GWC or S series to hardwire communications
GFCCKTFP	GFC/GWC, P, and S series controllers	Replacement Genesis facepack
VFCCKTFP	GFC/GWC and S series controllers	Upgrade or replacement VSX facepack
GFFPKT	GF Controllers	Upgrades GF controllers to GFC style Genesis facepack
VFFPKT	GF Controllers	Upgrades GF controllers to VSX facepack
GFST1KTR	GF Radio controllers	Upgrades GF Radio controllers to Straight Talk (includes new facepack)
GFKTR	GF Radio controllers	Replacement radio and comm board for GF Radio controllers (synthesized radio RADIO2KT)
GFKTH	GF Hardwire controllers	Replacement hardwire comm board for GF hardwire controllers
Central Kits	Fits in...	Purpose...
TRIMODKT	TriSend (all)	Retrofit telephone modem communications
TRIRADKT	TRISENDNR	Add Maintenance Radio to hardwire-only TRISENDNR
GMRR	Old Plastic Radio Central	Retrofits Maintenance Radio to Plastic Radio Central
GMRHW	Old Plastic Radio Central	Retrofits Maintenance Radio to Plastic Hardwire Central



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