

2003 BEST Return Kit Parts List

Qty	Item Description	Manufacturer/Source	Part Number
1	4 Channel Transmitter	Futaba	Conquest FP-4NBF OR Skysport 4VF-FM75
1	7 Channel Receiver w/crystal (in box w/ribbon cable)*	Futaba	FP-R127DF
1*	Robot box	Best Robotics Inc	
1*	Tether Box (w/ribbon cable) and Tether Cable	Best Robotics Inc	
2	Large Motor	Globe	455A116-2
2	Small Motor	Globe	415A157-2
2	Speed Controller with BEC, full reversing	Hitec	Sp-520+
1	Y-harness/switch/fuse assembly(w/20A fuse)	None - Assembly	
	Y-harness	Tower Hobbies	DTXC2310
	Switch (Leviton R01-1451-21, 15A wall switch)	Home Depot	614-273
	Inline Mini fuse holder w/12 awg wire	McMaster Carr	8110K2
	20A mini fuse	McMaster Carr	7460K31 (specify 20A)
	Red/Black Connectors - PowerPole	Tower Hobbies	DTXC 2300, 2301, OR 2302
2	7.2 V 1500 mAh battery - modified for powerpole connectors - one battery on machine only	Tower Hobbies	TOWC1030 (alt - DTXC2050)
1	Y-harness	Tower Hobbies	DTXC2310
1	male connector with wire	Tower Hobbies	DTXC2280
3	servo	Futaba	S3003, S3004 or S148
3	servo horn screw	Tower Hobbies	LXH367 (10 pack)
2	small round servo horn	Tower Hobbies	LXH364
2	large round servo horn	Tower Hobbies	LXH362
2	4-arm servo horn	Tower Hobbies	LXH365
2	6-arm servo horn	Tower Hobbies	LXH363
1	8" servo extension wire	Tower Hobbies	LXH446
1	24" servo extension wire	Tower Hobbies	LXL295
8	rubber grommet	Tower Hobbies	FUTM2310 (20 pack)
8	brass spacer	Tower Hobbies	FUTM3650 (20 pack)
8	servo mounting screw	Tower Hobbies	FUTM2250 (10 pack)
1	3/16 bore, 18 groove, plastic drive pulley with metal insert	Stock Drive	A 6T16-018DF2506
1	3/16 bore, 18 groove, plastic pulley	Stock Drive	A 6M16-018DF2506
1	1/4 Bore 130 groove, plastic drive pulley with metal insert	Stock Drive	A 6Z16-130DF2508
1	180 Groove, 0.080 pitch, 1/4 wide belt	Stock Drive	A 6Z16-180025
1	0.080 pitch, 1/4 wide belt stock, 3 ft long	Stock Drive	A 6Z16RL31892
1	3/16 dia, 3/4 long shoulder screw w/ 8-32 thread	Stock Drive	A 9X25-0624
4	R4A Ball Bearing (0.25 ID x 0.75 OD x 0.28 wide)	National Precision	
*	Tether system items		
Return Kit Items that cannot be used on the robot			
1	Battery Charger (large)	Hobbico	905 or better
1	Charger Adapter (PowerPole to Kyosho connector)	None - Assembly	
1	Charger for Transmitter (small)	Tower Hobbies	LXH359
1	spare servo horn screw	Tower Hobbies	LXH367 (10 pack)
1	spare 20A fuse for switch/fuse assy	McMaster Carr	7460K31 (specify 20A)
1	spare fuse for battery charger	Varies	
1	speed controller tweak tool	Tower Hobbies	LXH484
1	Neck Strap (Not used by all hubs)	Tower Hobbies	LXJB97
1	Speed Controller Instructions	Hitec	N/A
1	Transmitter/Receiver Instructions	Futaba	N/A
any	Containers, bags, boxes		