

OCCRA Over n' Out - Kit of Parts

ITEM	TEAM QTY	ITEM COST	SUPPLIER	PART #
CHASSIS				
C-BASE CHASSIS KIT FRAME	1	155.00	ANDYMARK	AM-0952
2008 FIRST KIT WHEEL	4	7.00	ANDYMARK	AM-0144
S35-24 ALUMINUM SPROCKET	4	11.00	ANDYMARK	AM-0119
3/8 ID, 1-1/8" OD, FL. BALL BEARING	8	3.00	ANDYMARK	AM-0573
#10-32 SHCS, STEEL, ZINC PLATED	24	.15	ANDYMARK	AM-1165
TOUGHBOX C-BASE MOUNT KIT	1	26.00	ANDYMARK	AM-0953
CLAMP U-BOLT 5/16-18, 1-3/4" OD	1	1.51	MCMASTER	3042T86
MOTORS AND GEARBOXES				
CIM MOTOR	5	25.00	ANDYMARK	AM-0255
PG27 PLANETARY GEARBOX W/9015 MOTOR	1	69.00	ANDYMARK	AM-2542
BAG MOTOR	1	25.00	VEX	217-3351
PG71 GEAR MOTOR	1	75.00	ANDYMARK	AM-0914
PG188 GEAR MOTOR	1	79.00	ANDYMARK	AM-2193A
VERSAPLANETARY SINGLE STAGE 4:1 GEARBOX (FOR BAG MOTOR)	1	35.00	VEX	217-2725
TOUGHBOX GEARBOX (CIM ATTACHMENT HARDWARE)	3	66.00	ANDYMARK	AM-0145
TOUGHBOX NANO LONG KEY GEARBOX FOR CIM	1	80.00	ANDYMARK	AM-0553



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MECHANICAL				
PLANETARY GEAR MOTOR BRACKET	3	9.00	ANDYMARK	AM-2197
PG71 ADAPTER SLEEVE	3	4.00	ANDYMARK	AM-0996
SQUARED SHAFT	1	0	N/A	DONATION
CIM GEAR, 14 TOOTH	4	8.00	ANDYMARK	AM-0034
500 KEY HUB	2	10.00	ANDYMARK	AM-0077
1/8 X 1/8 X 0400 MACHINE KEY, STEEL	5	.50	ANDYMARK	AM-1018
SPROCKET 12 TOOTH, KEYED 1/2 ID	4	13.00	ANDYMARK	AM-0166
SPROCKETS 15 TOOTH, G HUB	2	15.00	APPLIED IND.	
SPROCKETS 30 TOOTH, G HUB	2	28.00	APPLIED IND.	
SPROCKETS 45 TOOTH, G HUB	1	36.00	APPLIED IND.	
SPROCKETS 60 TOOTH, G HUB	1	52.00	APPLIED IND.	
G SPLIT TAPER HUB 3/8" ID	2	7.00	APPLIED IND.	
H SPLIT TAPER HUB 3/8" ID	4	7.00	APPLIED IND.	
SHAFT COLLAR 3/8" ID	8	1.38	MCMASTER	6166K23
#35 CONNECTING CHAIN LINK	6	0.75	ANDYMARK	AM-0368
#35 ROLLER CHAIN 15FT	1	15.00	ANDYMARK	AM-0367
SHAFT COUPLING 3/8" ID	2	5.39	MCMASTER	6412K13
BRONZE BUSHING 3/8" ID	8	.79	MCMASTER	6391K172
STEEL RELIEF I-BOLT	1	1.75		



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ELECTRICAL				
12V BATTERY	2	50.00	BATT. WORLD	ES18-12
#6 GAUGE WIRE, RED/BLACK, 10FT	1	4.00		
CONTROL BOX WITH LID, CLEAR	1	6.00	MEIJER	
BATTERY CHARGER WITH CABLE	1	75.00		
DUAL PRO RS3 CHARGER W/SB-50A	1	194.00	ANDYMARK	AM-2026
SCHUMACHER CHARGER	1	40.00	AMAZON	SC-600A-CA
80/120-AMP CIRCUIT BREAKER	1	37.00	TERMINAL SUP.	CB3-SM-80
CIRCUIT BREAKER/FUSE BLOCK	1	21.51	TERMINAL SUP.	ATO-FB10CF
20A FUSES (SPIKE REPLAYS)	7	.35	TERMINAL SUP.	
TERMINAL SPLITTERS	2	.50		
#14 FEMALE TERMINALS (LARGE)	20	.10	HOME DEPOT	
#14 FEMALE TERMINALS (SMALL)	6	.05	HOME DEPOT	
#14 RING TERMINALS (SMALL)	10	.05	HOME DEPOT	
BATTERY CONNECTOR	2	4.75	TERMINAL SUP.	SY6331G1
TERMINAL BLOCK FOR NEGATIVE	1	11.00	RACERPARTS	FAS-406-211
SLOW-BLOW 30A BREAKERS	4	4.50	TERMINAL SUP.	211-30
SLOW BLOW 35A BREAKERS	5	4.00	SNAP ACTIONS	VB3-A35-F57
#14 GAUGE WIRE RED/BLACK 40FT	1	8.00	TERMINAL SUP.	14 GXL - 100



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PNEUMATICS				
PRESSURE GAUGE	1	10.00	FESTO	42747777
BOSCH RELAY	1	6.59	TERMINAL SUP.	TYR-042-124
SOCKET FOR RELAY	1	5.00	TERMINAL SUP.	PT-BOS
SAFETY AIR RELIEF VALVE	1	7.38	FESTO	153981
THOMAS COMPRESSOR	1	125.00	RIETSCHLE TH.	405ADC38
¼" TUBING 10M	1		FESTO	567948
5/2 SINGLE SOLENOID 2-POS	2	33.38	FESTO	564212
5/2 DOUBLE SOLENOID 2-POS	2	34.00	FESTO	564212
5/2 DOUBLE SOLENOID 3-POS	1	49.90	FESTO	564212
PLUG IN REDUCER FITTINGS	2	.63	SMC	KQ2R01-07
⅛" OR ¼" PLUGS FOR PORTS	4		FESTO	
WIRE LEAD SET	8		FESTO	566658
2" BORE X 10" STROKE CYLINDER	2	51.50	SMC	NCDGBN50
1.5" BORE X 4" SPRING CYLINDER	2	26.00	SMC	NCME150-S
1" BORE X 2" DOUBLE CYLINDER	1	20.00	SMC	CDM2B32-5
40MM X 8" ACCUMULATOR TANK	2	22.00	FESTO	NCGB40
VARIABLE REGULATOR W/ GAUGE	1	18.05	FESTO	173646
REGULATOR MOUNTING BRACKET	1		FESTO	164936



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PNEUMATICS				
CHECK VALVE	1	9.59	FESTO	190843
INLINE FLOW CONTROL FITTING	2	8.38	FESTO	534782
BRANCH TREE 6 PORT MAN. 1/8" NPT	1		FESTO	190803
UNION Y FITTING	5		FESTO	564774
1/8" NPT TO 1/4" TUBE FITTING	20		FESTO	533273
PRESSURE SWITCH	1	28.80	FLW, INC.	CSK 12-11-12B
1/4" TUBE TO 1/4" NPT FITTING	4		FESTO	533276
RELIEF VALVE	1		MPS	1004V25
PLASTIC PLUG FOR 1/4" PUSH FITTING	2		FESTO	564786
MISCELLANEOUS				
"HOW-TO" MANUAL AND VIDEOS	0		www.occra.net	
OCCRA BROCHURES	100		TERRI KROLL	
OCCRA POSTERS	10		TERRI KROLL	
GAME MANUAL			Chief Delphi	
OCCRA Roll The Dice - Die	1		Foam N' More	



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VEX SYSTEM				
SMART CHARGER V2	1	17.00	VEX	276-2519
BATTERY CHARGER POWER CORD	1	2.00	VEX	276-2520
VEXNET JOYSTICK POWER ADAPTER	2	13.00	VEX	276-1701
7.2V BATTERY -3000mAh	2	30.00	VEX	276-1491
8-BAY AA/AAA BATTERY CHARGER	1	25.00	VEX	276-1622
AAA RECHARGE. BATTERY 6 PACK	3	13.00	VEX	276-1696
VEXNET SYSTEM BUNDLE	1	400.00	VEX	276-1604
5FT ETHERNET CABLE, BLACK	1		VEX	
3-PIN ORANGE JUMPER	2	.50	VEX	276-1380
TALON SRX SPEED CONTROLLER	6	60.00	VEX	217-2505
SPIKE H-BRIDGE RELAY	5		VEX	217-0220
2X3 MALE TO MALE PIN ARRAY	4	8.00	VEX	276-1607
PARTNER JOYSTICK	1	30.00	VEX	276-1891
ROBOTC FOR VEX			robomatter.com	
VEX PROGRAMMING KIT	1	50.00	VEX	276-2186
3-WIRE PWM CABLES ASSORTED	1	15.00	VEX	
PWM Y-CABLE 6"	1	7.50	VEX	276-1423
COILED JOYSTICK CABLE	1	7.00	VEX	276-1602

