

# Single-kit SeaPerch Sources and Cost

## 1/2012

Frame							
Item Description	Vendor	Cat #	Unit	Number	Cost/Unit	Total/kit	
Cable Ties 8"	<a href="http://www.elecdirect.com">www.elecdirect.com</a>	L-8189M	ea	24	\$ 0.02	\$ 0.48	
Mesh Netting, Large Opening, 7" x 12"	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	9314T33	piece	1	\$ 0.24	\$ 0.24	
Mesh Netting, Small Opening, 4" x 24"	not provided in kit.		rolls	0	\$ -	\$ -	
Phillips Sheet Metal Screws #8 x 1/2"	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	90190A194	ea	6	\$ 0.05	\$ 0.30	
Plastic Pipe Straps, for 1 5/16" OD	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	3192T53	ea	3	\$ 0.25	\$ 0.75	
PVC Els, 1/2"	Home Depot	005Box	ea	9	\$ 0.32	\$ 2.88	
PVC tees, 1/2"	Home Depot	401-005	ea	9	\$ 0.32	\$ 2.88	
PVC Pipe Sch 40, 1/2" x 10'	Home Depot		ft	5	\$ 0.81	\$ 4.05	
PVC Pipe Sch 40, 1" x 10'	Home Depot		ft	2.5	\$ 0.78	\$ 1.95	
PVC Sch 40 end caps, 1"	Home Depot	447-010Bx	ea	4	\$ 0.64	\$ 2.56	
Thruster							
Cat 5E wire, stranded, 24 AWG	<a href="http://www.cablewholesale.com">www.cablewholesale.com</a>	10X6-021SH	ft	40	\$ 0.10	\$ 4.00	
Electrical Tape	<a href="http://www.elecdirect.com">www.elecdirect.com</a>	769999	roll	0.2	\$ 0.20	\$ 0.04	
Film Canisters	<a href="http://pinnacleplastics.com">pinnacleplastics.com</a>	32013	ea	3	\$ 0.15	\$ 0.45	
Motors 12 VDC	<a href="http://www.elexp.com">www.elexp.com</a>	29DCM8	ea	3	\$ 0.68	\$ 2.04	
Polystyrene Bushing 1/8" x 14"	<a href="http://www.towerhobbies.com">www.towerhobbies.com</a>	LXF-741	3/8"	3	\$ 0.03	\$ 0.09	
Propeller, 1 3/4", 1/8" dia hole	<a href="http://www.dumasproducts.com">www.dumasproducts.com</a>	3003	ea	3	\$ 0.70	\$ 2.10	
Butyl Rubber Sealing Tape, 1 1/2" x 1"	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	76385A15	piece	1	\$ 0.04	\$ 0.04	
Wax Bowl Rings, 3/4"	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	2793K31	ea	0.5	\$ 1.86	\$ 0.93	
Controller							
Component Boxes, 5 inch	<a href="http://www.mpja.com">www.mpja.com</a>	15518 BX	ea	1	\$ 2.49	\$ 2.49	
DPDT switch, toggle, momentary	<a href="http://www.mpja.com">www.mpja.com</a>	5016 SW	ea	3	\$ 0.43	\$ 1.29	
SPST switch, pushbutton, momentary	<a href="http://www.mpja.com">www.mpja.com</a>	5019 SW	ea	3	\$ 0.20	\$ 0.60	
Fuses, Slo-Blo, glass, 1/4" dia, 10A/32V	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	7085K47	ea	0	\$ -	\$ -	
Fuse Holders, in line w/ fuse	<a href="http://www.elecdirect.com">www.elecdirect.com</a>	664081	ea	1	\$ 1.28	\$ 1.28	
Lamp Cord 18/2	<a href="http://www.cablewholesale.com">www.cablewholesale.com</a>	10G1-622SH	ft	10	\$ 0.21	\$ 2.10	
Hook-up wire, red, stranded, 22AWG	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	7587K932	in	36	\$ 0.07	\$ 2.52	
Hook-up wire, black, stranded, 22 AWG	<a href="http://www.mcmaster.com">www.mcmaster.com</a>	7587K931	in	18	\$ 0.07	\$ 1.26	
Female slide 22 ga., blue	<a href="http://www.elecdirect.com">www.elecdirect.com</a>	561355D	ea	1	\$ 0.04	\$ 0.04	
Female slide 22 ga., red	<a href="http://www.elecdirect.com">www.elecdirect.com</a>	561352D	ea	1	\$ 0.04	\$ 0.04	
Alligator clip, red	MPJA.com	16450AL	ea	1	\$ 0.04	\$ 0.04	
Alligator clip, black	MPJA.com	16451AL	ea	1	\$ 0.04	\$ 0.04	
46/60 flux core solder, .2 roll	MPJA.com	17462TL	ea	1	\$ 0.25	\$ 0.25	
<b>Kit Grand Total</b>						<b>\$ 37.73</b>	
Book-Build your own ROV	westcoastwords.com		ea	1	20.00	20.00	
<b>Not Included in Kit</b>							
12 VDC battery, 8AH, Lead Acid sealed	<a href="http://www.amazon.com">www.amazon.com</a>		ea	1	\$25.56	\$ 25.56	
12 VDC Charger	<a href="http://www.batterystuff.com">www.batterystuff.com</a>	UPG12	ea	1	\$14.00	\$ 14.00	
Push-on Lead Set	<a href="http://www.batterystuff.com">www.batterystuff.com</a>	UPGpushon	ea	1	\$ 3.00	\$ 3.00	

Note: prices reflect discounts for bulk purchases