

## PRO SERIES II™ ACCESSORIES

### PRO SERIES II™ MODEL ROCKET MOTORS

(1 per pack)

9770 E30-4T Motor  
9772 F26-6FJ Motor  
9774 F50-6T Motor  
9776 G40-7W Motor

### 29 mm MODEL ROCKET ENGINES

(2 per pack)

1695 E16-0  
1696 E16-4  
1697 E16-6  
1698 E16-8  
1650 F15-0  
1651 F15-4  
1652 F15-6  
1653 F15-8



All motors not shown.



**2240 PS II™ Launch Controller**



**2305 Sonic™ Igniter**



**2261 24 in Nylon Parachute  
2273 30 in Nylon Parachute**



**3172 PS II™ Shock Cord Accessory Pack**



**9750 PS II™ 29 mm Motor Retainer Set**



**9752 PS II™ Booster**

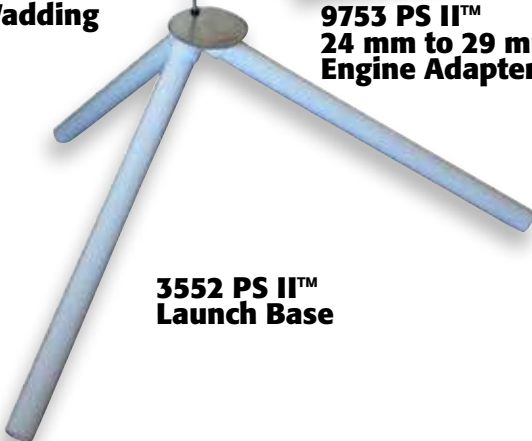
For use with rockets 9706 Ascender™, 9707 Majestic™, 9709 Trajector™ and 9710 Prowler Launch Set™  
Recommended Engine: F15-0



**3556 PS II™ Recovery Wadding**



**9753 PS II™ 24 mm to 29 mm Engine Adapter Set**



**3552 PS II™ Launch Base**

Pro Series II rockets, require a launch controller with 30 feet of wire, such as our E™ (2230) or PSII™ (2240) Launch Controller. In addition to the launch controller, you will need a sturdy launch pad with a 1/4" (6 mm) launch rod, or you can purchase our 3552 Estes Pro Series II Launch Pad.

G motors require users to be ages 18 years and up.

## MODEL ROCKET ACCESSORIES



### 1672 Blast-Off® Flight Pack

Includes 6 each of A8-3, B6-4, C6-3, C6-5 engines, 30 starters, 30 starter plugs and 75 sheets of recovery wadding.

### 2221 Astron II™ Launch Controller

Comes assembled with safety key and 17 ft (5.2 m) of cable. Requires 1 9V alkaline battery - not included.

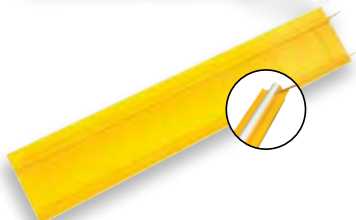
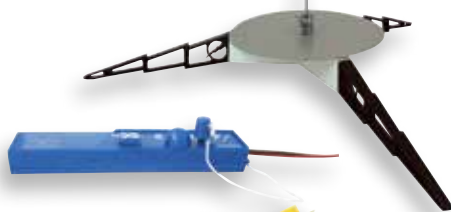


### 2230 E™ Launch Controller

Comes assembled with safety key and 30 ft (9 m) of cable. Requires 4 AA alkaline batteries - not included.

### 2238 Porta-Pad® E Launch Pad

Quick assembly - no glue or tools required. Launch rod angle is adjustable. Includes a 1/4 in (6 mm) launch rod, but can accommodate a 3/16 in (5 mm) Maxi™ launch rod - not included.



### 2228 Ultimate Tube Marking Guide

Marks body tube for accurate fin placement.

### 2215 Porta-Pad® II Launch Pad

Quick assembly - no glue or tools required! Launch rod angle is adjustable. Comes complete with blast deflector, standoff, two-piece 1/8 in (3 mm) launch rod and safety cap. Can accommodate a 3/16 in (5 mm) Maxi™ launch rod - not included.

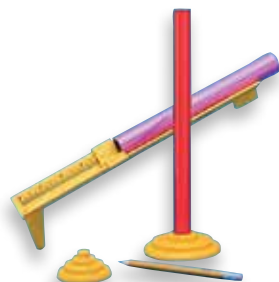
### 2220 Electron Beam® Launch Controller

Launch controller comes assembled with safety key and 15 ft (4.6 m) of cable. Requires four AA alkaline batteries - not included.



### 2222 Porta-Pad® II Launch Pad with Electron Beam® Launch Controller

Quick assembly - no glue or tools required! Launch rod angle is adjustable. Comes complete with blast deflector, standoff, two-piece 1/8 in (3 mm) launch rod and safety cap. Can accommodate a 3/16 in (5 mm) Maxi™ launch rod - not included. Launch controller comes assembled with safety key and 15 ft (4.6 m) of cable. Requires four AA alkaline batteries - not included.



### 2227 Tube Marking Guide

Easy way to mark fin and launch lug placement lines. Also includes a fin gluing jig. Body tube not included.



### 2250 1/4A3, 1/2A3, A3 and A10 Engine Plugs

5 Orange, 5 Green

### 2251 1/2A6, A8, B4, B6, and C6 Engine Plugs

5 Magenta, 5 Yellow

### 2252 C11, D12, E9, E12, E16 and F15 Engine Plugs

5 White, 5 Black



**2232 Altitrak™**  
Measure altitude with this easy to use device. Follow the rocket in the sights to apogee, release the trigger to lock the reading.



**2231 Fin Alignment Guide**  
Fast and accurate fin alignment for three- or four-finned rockets.



**2241 Blast Deflector Plate**  
Replaces that worn-out deflector. For use with 2215 and 2239

**2243 1/8 in (3 mm) Two-Piece Launch Rod**  
Replacement rod ideal for most rockets.

**2244 3/16 in (5 mm) Two-Piece Maxi™ Launch Rod**  
Launch rod with extra strength and length for larger rockets.



**2246 Altimeter**  
Record up to 10 flights. LCD display, battery included.



**2274 Recovery Wadding**  
Flame resistant wadding protects recovery system. Required in most Estes rockets. Contains 75 sheets – enough for about 18-25 flights!

**2262 6 in (15.2 cm) Parachute (Assembled)**

**2268 9 in (22.9 cm) Parachute (Assembled)**

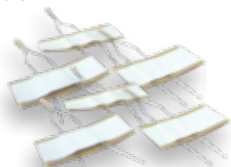
**2264 12 in (30.5 cm) Parachute (Assembled)**

**2267 18 in (45.7 cm) Parachute (Assembled)**

**2271 24 in (61 cm) Parachute (Assembled)**



**2278 Shock Cords & Mount Pack**  
Includes three 1/8 in x 36 in (3 mm x 914 mm) and one 1/4 in x 36 in (6 mm x 914 mm) rubber shock cords (enough for four shock cords). Includes shock cord mounts and instructions.



**2302 Model Rocket Starters**  
Dependable, easy-to-use Estes starters in a convenient six pack. It's always a good idea to have a few spares.

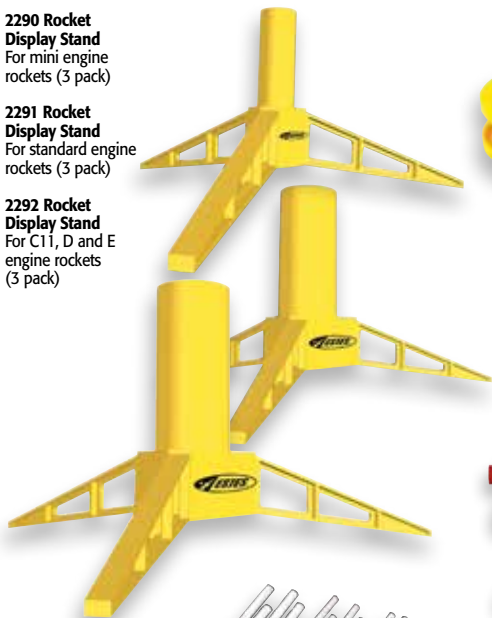
**2265 15 in (38.1 cm) Parachute (Assembled)**

## MODEL ROCKET ACCESSORIES

**2290 Rocket Display Stand**  
For mini engine rockets (3 pack)

**2291 Rocket Display Stand**  
For standard engine rockets (3 pack)

**2292 Rocket Display Stand**  
For C11, D and E engine rockets (3 pack)



**2320 Launch Lug Pack**

Contains 4 each: 1/8 x 2 3/8 in (3 x 60 mm), 1/8 x 1 1/4 in (3 x 32 mm), 3/16 x 2 in (5 x 51 mm) and 1/4 x 1 in (6 x 25 mm) launch lugs.



**3143 Engine Hook Accessory Pack**

Hooks fit mini engines (two), regular and D engines (three) and E engines (two).



**3158 Regular Engine Mount Kit**

Fits BT-50, 55 and 60 tubes. Can also be used to make a conversion mount for lightweight D powered rockets.

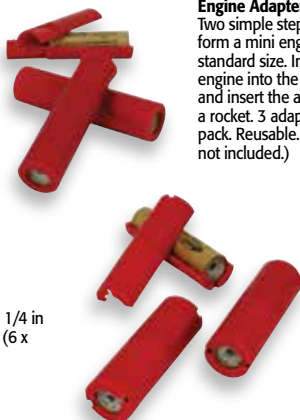


**2315 Tube Cutting Guides**

Assorted sizes: BT-5, BT-20, BT-50, BT-55, and BT-60 (hobby knife not included)

**2316 Mini to Standard Engine Adapters**

Two simple steps transform a mini engine into a standard size. Insert a mini engine into the adapter, and insert the adapter into a rocket. 3 adapters per pack. Reusable. (Engines not included.)



**2317 Standard to D Engine Adapters**

Two simple steps transform a standard engine into a D size. Insert a standard engine into the adapter, and insert the adapter into a rocket. 3 adapters per pack. Reusable. (Engines not included.)



**3159 D And E Engine Mount Kit**

Heavy duty engine mounts for D and E engines. Fits BT-55, 60 and 80 tubes.



## NOSE CONE ASSORTMENTS

Each package of nose cones may contain a variety of shapes. Some are one piece, others two piece. All have eyelets for shock cord and shroud line attachments.

- 3160 Nc-5 Nose Cone Assortment (5 pack)
- 3161 Nc-20 Nose Cone Assortment (4 pack)
- 3162 Nc-50 Nose Cone Assortment (5 pack)
- 3163 Nc-55 Nose Cone Assortment (4 pack)
- 3164 Nc-56 Nose Cone Assortment (4 pack)
- 3165 Nc-60A Nose Cone Assortment (3 pack)
- 3168 Nc-80B Nose Cone (1 Pack)
- 3173 Sci-Fi Nose Cone Assortment (5 pack)



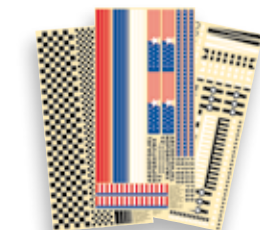
3171 Clear Payload Assortment



3176 Tube Couplers BT5-BT50



3179 Laser Cut Centering Rings and Shroud Templates



3170 Waterslide Decal Set



3175 Centering Ring Assortment BT5-BT50



3177 Tube Couplers BT55-BT60



3180 Clay Nose Cone Weights



3178 Tube Couplers BT80

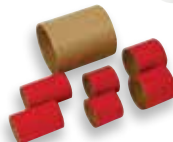


3181 Engine Mount Parts Assortment

## Body Tubes

High quality spiral wound paper tubes. Use tube couplers to connect tubes of the same diameter. Four tubes per package with BT-5 & BT-20, three per package with BT-50, BT-55 and BT-60 and two per package in BT-80.

Product Number	Body Tube Size	Inside Dimension in./mm	Outside Dimension in./mm	Length in/cm
3084	BT-5	.52/13	.54/14	18.0/45.7
3085	BT-20	.71/18	.74/19	18.0/45.7
3086	BT-50	.95/24	.98/25	18.0/45.7
3087	BT-55	1.28/33	1.33/34	18.0/45.7
3089	BT-60	1.60/41	1.64/42	18.0/45.7
3090	BT-80	2.56/65	2.60/66	14.2/36.1



3196 Large Tube Coupler Pack  
Includes two couplers for BT-55, BT-56 and BT-60; One for BT-80.



9751 24 mm Motor Retainer Set (2 sets)

Contents and specifications subject to change without notice.