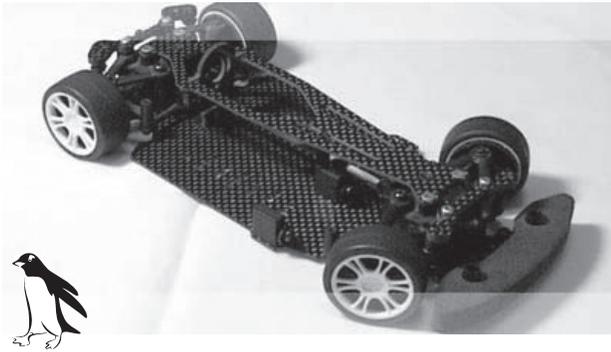


# P7500s

## M140 Performance Chassis for Xray M18



# Penguin R/C

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### P7500s Replacement Parts

P7501s	P7500s Graphite Main Chassis	\$39.99
P7502ss	P7500s Upper Deck Plate	\$16.99
P7504s	P7500s Graphite Drive Shaft	\$9.99
P7505m180	P7500 Graphite Vertical Mount Motor Plate (180size)	\$5.99
P7506	P7500/M18 Front Shock Tower	\$8.99
P7507	P7500/M18 Rear Shock Tower	\$8.99
P7509a	P7500 6-cell Saddle Pack Plate Kit	\$8.99

### P7500s Option Parts

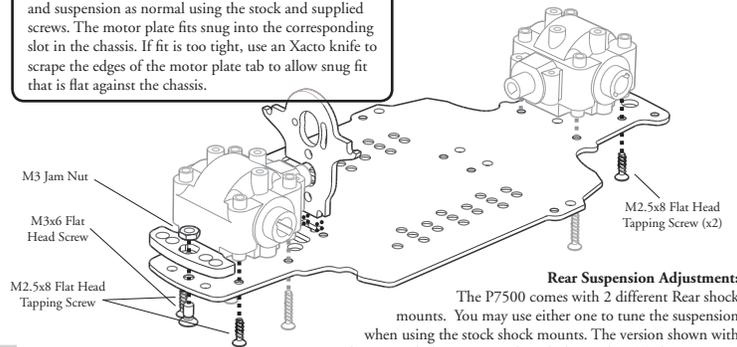
P7503	P7500 Ride Height Spacer Set (M2.0 Adjustment)	\$3.99
P7504m180	P7500 Graphite Side Mount Motor Plate (180size)	\$5.99
P7504m300	P7500 Graphite Side Mount Motor Plate (300size)	\$5.99
P7505m300	P7500 Graphite Vertical Motor Plate (300size)	\$5.99
P7509a	P7500 6-cell Saddle Pack Plate Kit	\$8.99
P7509d	P7500 5-cell LTO Plate	\$8.99

1230P N Jefferson Street Anaheim CA 92807 •  
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## 1 Lower Chassis and Motor Plate installation:

### Assembly Notes:

Mount the gearboxes, Graphite Driveshaft (included), and suspension as normal using the stock and supplied screws. The motor plate fits snug into the corresponding slot in the chassis. If fit is too tight, use an Xacto knife to scrape the edges of the motor plate tab to allow snug fit that is flat against the chassis.

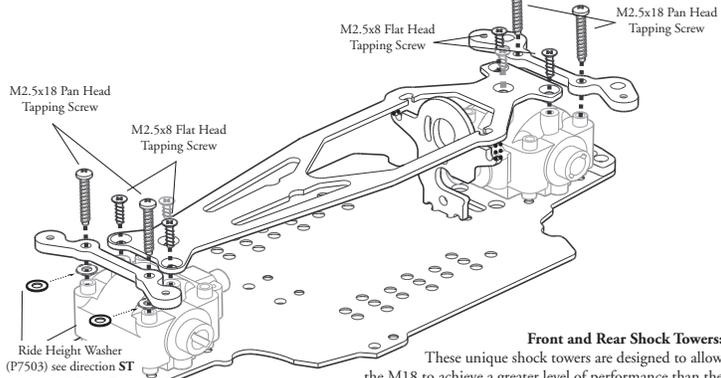


### Rear Suspension Adjustment:

The P7500 comes with 2 different Rear shock mounts. You may use either one to tune the suspension when using the stock shock mounts. The version shown with the narrow holes corresponds with the stock M18 chassis set-up.

■ Shaded Images are existing parts

## 2 Upper Deck and Shock Tower installation:

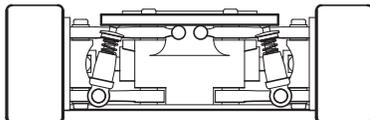


### Front and Rear Shock Towers:

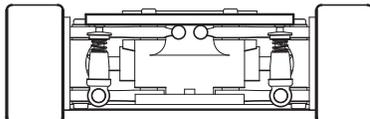
These unique shock towers are designed to allow the M18 to achieve a greater level of performance than the stock M18. Please see direction ST for further information on set-up.

■ Shaded Images are existing parts

## ST Shock Tower Set-up:



FRONT



REAR

### Body Mounts:

The Rear Shock Tower includes mounting provisions for your body mounts. Secure in place using two body clips one above and below the shock tower plate. If installation of the post is too tight you may file the inside of the mount holes without issue.

### P7500s Suspension:

The P7500s suspension enhancements are designed to increase the responsiveness and overall function of the suspension on the M18. These shock towers allow for extended adjustment through the use of heavier springs sets.

### Springs:

Though the towers can be used with any X-Ray spring sets (including stock) we suggest using Team Associated™ 1/12th scale Dynamic Front springs in weights from .014 - .024 (Part# 4113 - 4119)

### Ride Height adjustment (if needed):

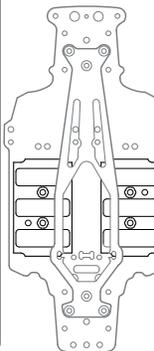
In order to set the ride height of your vehicle while using these towers you will need to use the included ride height spacers. Included with the P7500s kit are enough spacers for 1mm of ride height adjustment in .5mm increments. To lower the car further we offer the P7503 Ride Height Spacer Set which includes enough spacers for an additional 2mm of ride height adjustment. (multiple sets can be used) When adjusting the ride height with the spacers be sure to adjust the droop settings so that it does not allow hyper extension of the shocks, if this adjustment is not made it could result in a loss of suspension. To adjust the dampening for stiffer springs use different types of dampening grease on the shock shaft.

## BP Battery Plates and Optional Parts for P7500s:

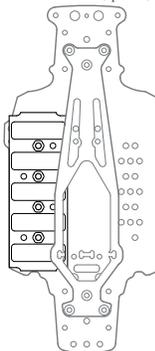
### Assembly Notes:

The P7500s comes with a set of the P7509a battery plates. These battery plates will allow you to use a 6cell saddle pack on the chassis. These plates screw to the chassis using the included screws. To mount the batteries to the plates you can use many different methods of attachment. The best method is to use a small amount of Shoe-Goo on each cell to hold them in place. Shoe-Goo is a semi-permanent rubber style adhesive that is widely available in hobby and general stores. Other methods used to attach cells to the plates are Double Sided Tape, Strapping Tape, or Velcro.

P7509a  
6cell Saddle Pack Plate Kit



P7509d  
5cell LTO Plate (optional)



Optional:  
Motor Mounts Available



P7503  
Ride Height Adjustment Washers