

2013 Hyper Midget Rolling Chassis Bolt List

Revised
10/2013

<i>Where Used</i>	<i>Description</i>	<i>Type</i>	<i>Quantity</i>	
Rear End				
Shock to Frame	1/2-20 x 1-1/2	H.H.C.S.	2	
Radius Rod to Frame	1/2-20 x 1-1/2	H.H.C.S.	1	
Radius rod to bearing carrier	Right Side	1/2-20 x 3-1/4	H.H.C.S.	2
(use 5/8" rod end spacer)	Left Side	1/2-20 x 2	H.H.C.S.	2
Jacob's Ladder to Birdcage	1/2-20 x 2	H.H.C.S.	1	
	1/2-20	Nyloc Half Nut	1	
-Jacob's Ladder Straps to Frame	3/8-24 x 3 3/4	H.H.C.S.	2	
	3/8-24	Nyloc Half Nut	2	
	3/8	An Washer	4	
Brake Caliper to Brake Floater	3/8-16 x 1 1/4	H.H.C.S.	2	
	3/8	An Washer	2	
Brake Floater to Rod	1/2-20 x 1-3/4	H.H.C.S.	1	
	1/2-20	Nyloc Half Nut	1	
Right Rear Radius Rod to Frame (needs Spacer)	1/2-20 x 2	H.H.C.S.	1	
For 10 1/2" Rotor 6 Bolt Hub	5/16-18 x 1 1/4	H.H.C.S.	6	
	5/16-18	Stover Nuts	6	
Front End				
Panhard to Axle	1/2-20 x 1 1/2	H.H.C.S.	1	
Radius Rod to Front Axle and Frame Left and Right	1/2-20 x 1-1/2	H.H.C.S.	6	
	1/2-20	Nyloc Half Nut	3	
Steering Arm Through Spindle	7/16-20 x 1 1/2	H.H.C.S.	4 w/ LF Brake	
			4 w no Brake	
	7/16-20 x 2	F.H.C.S.	2 w/ Brake	
			0 without	
	7/16	An Washer	4	
Left Front Brake Rotor to Hub	7/16-20 x 3/4	FHCS	3	
Brake Caliper to Adapter	3/8-24 x 1	H.H.C.S.	2	
	3/8	An Washer	2	
Below not included in bolt kit, included in parts				
Dust Cap to Wheel Hub	10-32 x 1/2	S.H.C.S.	6	
Spindle lock nut	10-32 x 1/2	S.H.C.S.	4	
Front Wheels to Hub	3/8-16 x 1-1/4	B.H.C.S.	6	
	3/8-16	Flanged Nuts	6	
Shock to frame - Use Shock Pins	1/2-20x4	Not included in bolt kit	2	
Shock to Axle -	1/2-20	H.H.C.S. Nyloc Half Nut	2	
Steering				
Steering Box Brace to Frame	5/16-24 x 1	H.H.C.S.	2	
	5/16-24	Nyloc Half Nut	2	
Steering Box to Top Bracket	1/4-20 x 3/4	H.H.C.S.	2	
Top Bracket Through Frame	1/4-20 x 1-3/4	H.H.C.S.	2	
	1/4-28	Nyloc Half Nut	2	
	3/8	AN Washer	4	
Steering arms to Tie Rod (use road end spacer)	1/2-20 x 2	H.H.C.S.	2	
	1/2-20	Nyloc Half Nut	2	
Drag Link Through Combo Arm	1/2-20 x 1-3/4	H.H.C.S.	1	
	1/2-20	Nyloc Half Nut	1	
Drag Link Through Pitman Arm	1/2-20 x 1 1/2	H.H.C.S.	1	
Steering Wheel to Hub	1/4-28 x 5/8	H.H.C.S.	3	
	1/4	AN Washer	3	

Steering Box Clamp to Frame (included in Frame)	5/16-24 x 1-1/4	H.H.C.S.	2
Bumpers			
Bumpers and nerf bars	10-24 x 1-1/2	S.H.C.S.	12
	10-24	Nyloc Full Nut	12
Shifter			
Handle to Frame	1/4-20 x 3/4	H.H.C.S.	2
	1/4-20	Nyloc Full Nut	2
Belly Pan			
Belly Pan	1/4-20 x 1/2	B.H.C.S.	8
	1/4-20	Nyloc Half Nut	8
	1/4	A.N. Washer	8
Battery Box to Belly Pan	5/16-24 x 3/4	H.H.C.S.	2
	5/16-24	Nyloc Half Nut	2
	5/16	AN Washer	2
Tail			
Tail to Frame	5/16-18 x 1	B.H.C.S.	2
	5/16-18	Nyloc Half Nut	2
	5/16-18 x 1	H.H.C.S.	2
	5/16	AN Washers	4
	5/16-18 x 3/8	S.H.C.S	4
Chain Tensioner			
Chain tensioner to Frame	5/16-24 x 1-1/2	H.H.C.S.	1
	5/16-24	Nyloc Half Nut	1
	5/16	AN Washer	2
Brake and Throttle			
Throttle Pedal to Frame	5/16-24 x 2-1/2	H.H.C.S.	1
	5/16-24	Nyloc Half Nut	1
Brake Pedal Through Frame	3/8-24 x 2	H.H.C.S.	1
	3/8-24	Nyloc Full Nut	1
Throttle Pedal to Pull Rod	1/4-28	Nyloc Half Nut	1
Brake Pedal to Master Cylinder	5/16-24 x 1	H.H.C.S.	1
Master Cylinder to Frame	5/16-24 x 2-1/4	H.H.C.S.	1
Seat			
Seat to frame	3/8-24 x 1	B.H.C.S.	4
	3/8	Fender Washers	4
Front Panhard Bar Pinch Clamp			
Panhard Bar to pinch clamp	7/16-20 x 2	H.H.C.S.	1
	7/16-20	Nyloc Half Nut	1
	7 /16	AN Washer	1
Panhard pinch clamp	1/4-28 x 2	H.H.C.S.	1
	1/4-28	Nyloc Full Nut	1
	1/4	AN Washer	1
Torsion Arm & Jacker			
Torsion Arm and Stop Pinch Bolt	3/8-16 x 2	H.H.C.S.	4
	3/8	AN Washer	4
Torsion Jacker Bolt	3/8-1 x 1-1/2	S.H.C.S.	4
	5/16-18	Thin Nut	4
Engine			
Engine Plate to Engine(Chevy)	3/8-16 x 1/14	H.H.C.S.	5
	3/8	Flat Washer	5
Engine Mount Through Heim	5/16-24 x 1	H.H.C.S	2
	5/16-24	Nyloc Half Nut	2
Engine Plate To Frame	5/16-24 x 2	H.H.C.S.	5
	5/16-24	Nyloc Full Nut	5

Engine Mount to Block	7/16-14 x 1 1/8	H.H.C.S.	2
	7/16	Flat Washer	2
Engine Mount Bar to Frame and Block	3/8-24 x 3/4	H.H.C.S	2
	3/8-24	Nyloc Half Nut	2
Torque Ball Housing to Engine Plate	3/8-16 x 1	H.H.C.S	4
	3/8	Flat Washer	4