

2013 & Up Hyper Lightning Sprint Rolling Chassis Bolt List

Revised
4/3/2013

<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.	2	
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	H.H.C.S.	2	
	3/8-24	Nyloc Half Nut	2	
	3/8	An Washer	4	
Brake Caliper to Brake Floater	3/8-24 x 1-3/4	H.H.C.S.	2	
	3/8-24	Nyloc Full Nut	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	
Floater Rod to Frame	1/2-20 x 1-1/2	H.H.C.S.	1	
For 10" Rotor 6 Bolt Hub	1/4-28 x 5/8	H.H.C.S.	6	
Below not included in bolt kit, included in parts				
Sprocket Carrier to Sprocket	5/16-18 x 1-1/4	H.H.C.S.	6	
	5/16-18	Flanged nut	6	
Rear Bearing Carrier – Lower Standoff	7/16-14 x 2-1/4	S.H.C.S.	2	
-Bolt Through Torsion Arm	1/2-20 x 3-1/4	H.H.C.S.	2	
-Safety Lock Screw	#10-24 x 1/4	S.H.C.S.	2	
Jacobs Ladder Paddle to End	3/8-24 x 2	H.H.C.S.	2	
-Straps to Paddle	3/8-24 x 1-1/2	H.H.C.S.	2	
	3/8-24	Nyloc Half Nut	2	
	3/8	An Washer	4	
Front End				
Panhard to Axle	1/2-20	Nyloc Half Nut	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 1-3/4	H.H.C.S.	3 w/ LF Brake	
			4 w no Brake	
	7/16-20 x 1-1/2	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 and Axle - Use Shock Pins		Not included in bolt kit		
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	
Steering Arm to Spindle w/ HBS Caliper	3/8-24 x 2	F.H.C.S.	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 (use road end spacer)	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 2	H.H.C.S.	1
	1/2-20	Nyloc Full Nut	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	3/8-24 x 2	H.H.C.S.	1
	3/8-24	Nyloc Full Nut	1
	3/8	AN Washer	2
Rod End to Shifter on Engine, Bell Crank	1/4-28 x 1	H.H.C.S.	2
Bell Crank to lower rod (through Spacer)	1/4-28 x 1-1/2	H.H.C.S.	1
Rod End to Shifter Handle	1/4-28 x 1-1/2	H.H.C.S.	1
	1/4-28	Nyloc Half Nut	4
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 3/4	H.H.C.S.	4
	5/16	Heavy Washers	4
Chain Tensioner			
Chain tensioner to Frame	5/16-24 x 2-1/2	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	3/8-24 x 1	H.H.C.S.	1
Master Cylinder to Frame	5/16-24 x 2-1/4	H.H.C.S.	1
Master Cylinder to Frame w/ Spring Clips	5/16-24 x 2-1/2	H.H.C.S.	1
	5/16-24	Nyloc Full Nut	2
Master Cylinder Reservoir Through Firewall	1/4-20 x 5/8	H.H.C.S.	2
	1/4-20	Nyloc Half Nut	2
	1/4	An Washer	2
Wings			
Wing Sockets to Frame	5/16-24 x 1-1/2	H.H.C.S.	4
	5/16-24	Nyloc Full Nut	4

