

2013 & Up Hyper Lightning Sprint Rolling Chassis Bolt List

Revised
3/2019

<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
Shock to RR Arm	1/2-20 x 2-1/2	H.H.C.S.	1
	1/2-20	Nyloc Half nut	1
	Shock Spacers		4
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 2-3/4	H.H.C.S.	1
(use 5/8" long rod end spacer)	Left Side 1/2-20 x 2	H.H.C.S.	2
Jacob's Ladder to Birdcage	1/2-20 x 1-3/4	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 1-1/2	H.H.C.S.	2
	3/8-24	Nyloc Half 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 x 1-1/4	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 1-3/4	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	1/2-20 x 1/4	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
	1/4-20	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 (use road end spacer)	1/2-20 x 2	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
Bell Crank To Frame	1/4-20 x 2	S.H.C.S.	1
	1/4-20	Nyloc Half Nut	1
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 5/8	H.H.C.S.	4
	5/16	Heavy Washers	4
Chain Tensioner			
Chain tensioner to Frame	3/8-24 x 2	H.H.C.S.	1
	3/8-24	Nyloc Half Nut	1
	3/8	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.	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
Rear Wing Tree to Frame	5/16-24 x 1	H.H.C.S.	2

