

INSTRUCTIONS

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940-52501 - Sprint Car Carb Linkage Assembly

KIT CONTENTS			
Qty	Description	P/N	Item #
2	Carb Linkage Base Plate	940-52501.1	1
2	Carb Linkage Throttle Rod	940-52501.2	2
2	Hardware Kit	940-52501.H	3-16

HARDWARE		
Qty	Description	Item #
2	5/16" Set Screw Shaft Collar	3
1	1/4"-20 Extension Spring Stud Anchor	4
2	0.192" ID x 1/4" L Spacer	5
2	5/16" Throttle Linkage Arm	6
1	#10-32 x 3" Swedged Tube	7
1	#10-32 x 5-1/2" Swedged Tube	8
2	5/16"-24 RH Male 5/16" Heim Rod End	9
2	#10-32 LH Male 3/16" Heim Rod End	10
2	#10-32 RH Male 3/16" Heim Rod End	11
2	#10-32 RH Jam Nut	12
2	#10-32 LH Jam Nut	13
2	#10-32 x 1-1/4" Socket Head Cap Screw	14
2	#10-32 Nylon Lock Nut	15
1	1/4"-20 Nylon Lock Nut	16

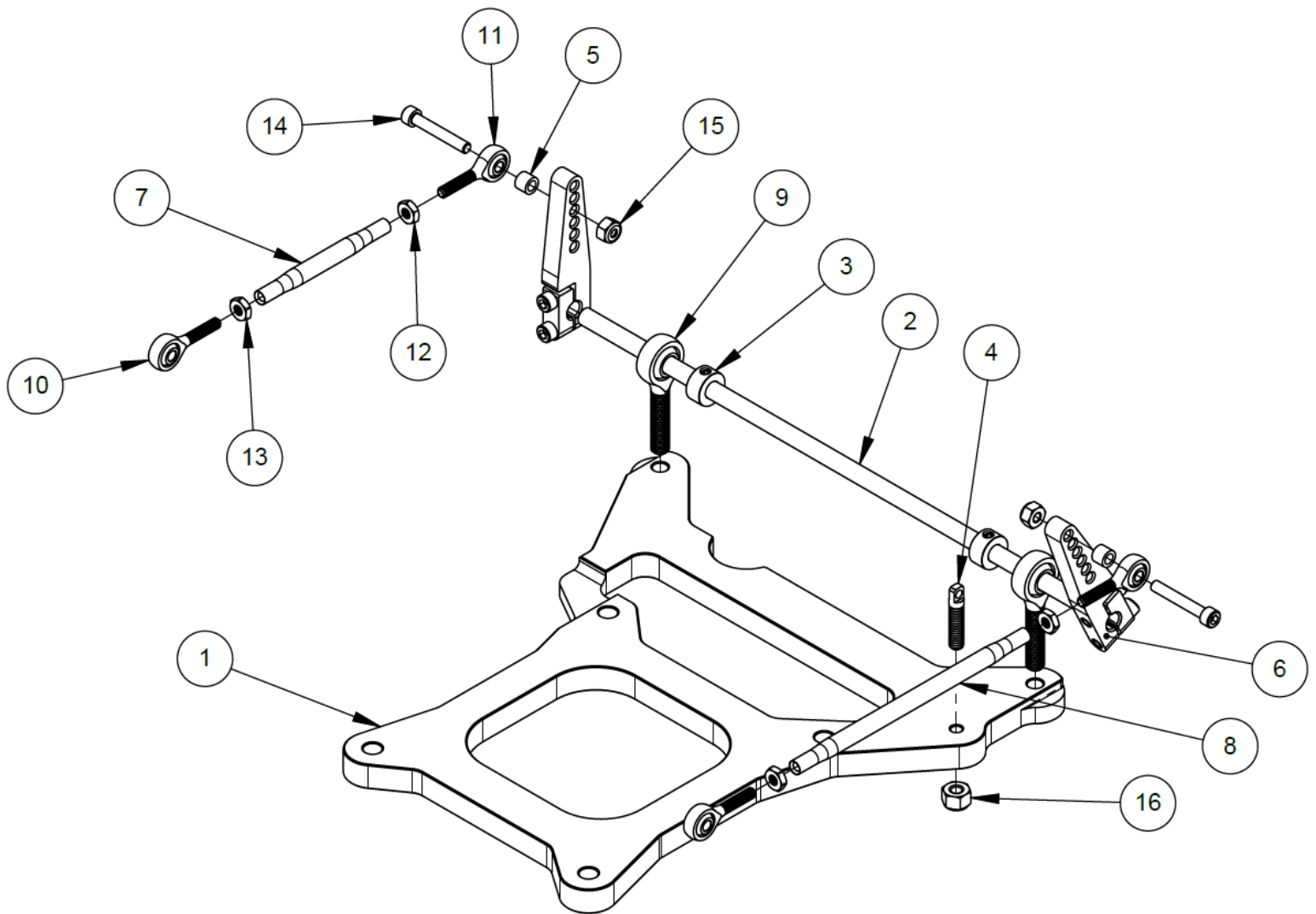
1. Screw both 5/16" heims (9) into the base plate (1) until the heims bottom out. Back them out one complete turn or until the heims are oriented evenly for the 5/16" rod (2) to thread through.
2. In the order displayed, thread the 5/16" rod (2) through both of the 5/16" collars (3) and heims (9). Lightly tighten the set screw on the collars with the rod centered between the heims and the collars pushed lightly against the heims to take away rod play.
3. Slide both 5/16" throttle arms (item 6) onto the ends of the 5/16" rod (2) and lightly tighten their clamps.
4. Assemble the pedal side throttle rod by threading the 3/16" heims (10, 11) through their directional jam nuts (12, 13) and into each side of the 3" swedge rod (7).
5. Repeat step 4 using the 5.5" swedge rod (8).
6. Attach each assembled throttle rod to their respective sides using the #10-32 X 1-1/4" cap screw (14) and spacer (5) in the order portrayed below. Thread and tighten the #10-32 nylon lock nut (15) on the inside of each arm.

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7. Thread the throttle return spring stud anchor (4) through the top of the plate while retaining it on the bottom side of the plate with the 1/4" nylon lock nut (16).
8. Attach the finished assembly to your engine and slide the individual parts on the 5/16" rod (2) as needed to achieve an aligned linkage.
9. Tighten all set screws and jam nuts to lock your throttle linkage assembly configuration.



IMPORTANT

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Speedway Motors, Inc.

P.O. Box 81906 • Lincoln, NE 68501

800.979.0122 • SpeedwayMotors.com

