



Track Proven Quality

2026 CATALOG

Randy Sweet



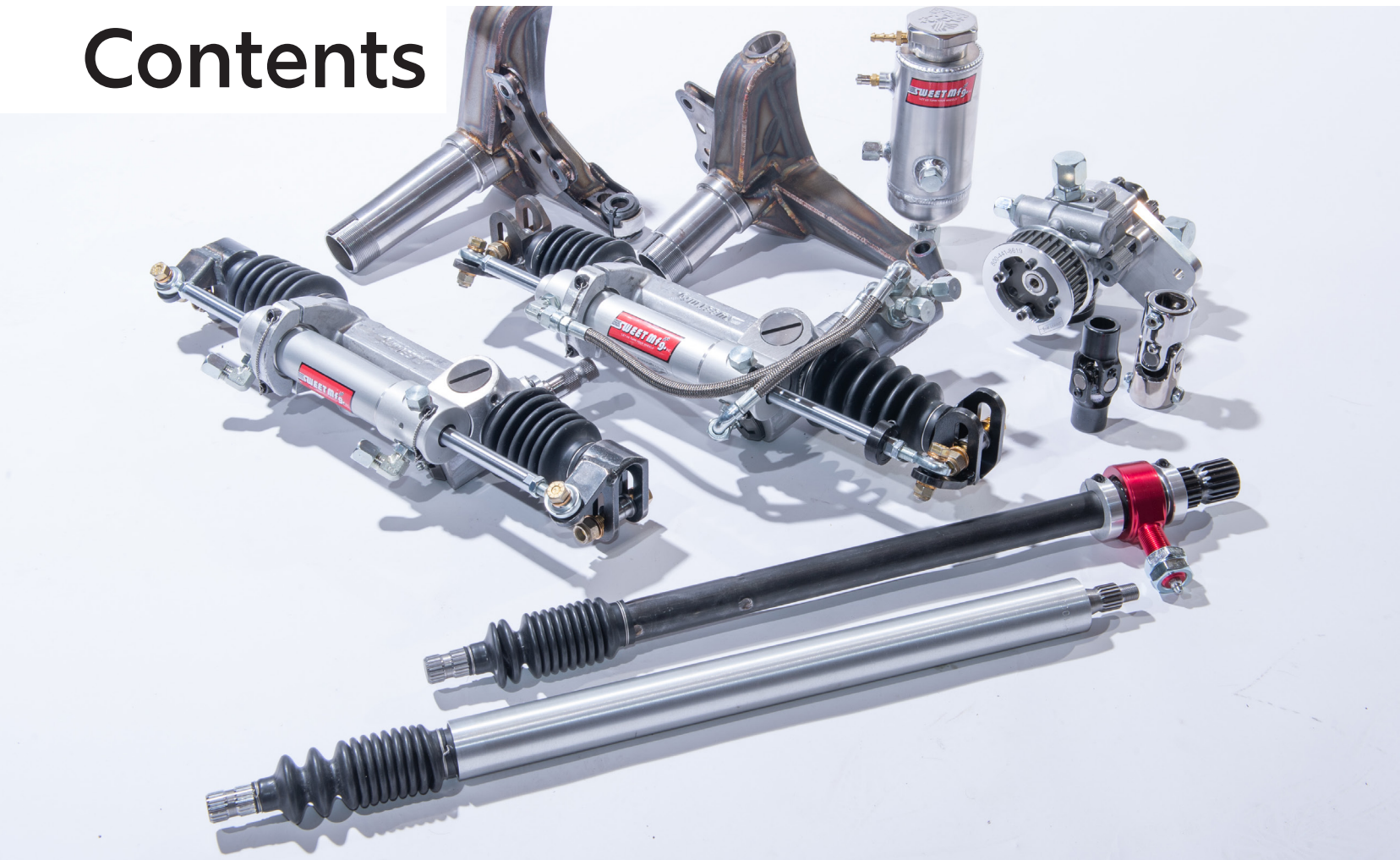
Sweet Manufacturing was built on the knowledge and performance of Randy's over 50 years of racing experience. Randy drove and won in multiple divisions and car ranging from Super Modified to Sprint Cars and many more.

One of Randy's greatest accomplishments came in 1984 when he build a 2200 lbs stock car that featured many of his early products and innovations. The "Rocket" cars broke track records all over the country and continues to hold several. The "Rocket" car can now be seen on display in Speedy Bill's Museum of speed in Lincoln Nebraska.

Randy's winning background and experience is what allows us at Sweet Manufacturing to proudly say that our products are **"Built From Experience, And Proven By Performance!"**



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Continuing the tradition established by Randy Sweet in 1978, Sweet Manufacturing remains employee owned. Randy's strive for excellence is what drove him to seek out the best, brightest, most experienced professionals in the industry. In his absence he left the future of Sweet Manufacturing to the very people who helped him make it the leader in the industry, the employees.

Today we are dedicated to providing the same level of quality and service you have come to expect, while looking forward to the next generation of innovations that will earn us the opportunity to. **"Let Us Turn Your Wheels!"**



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Rack and Pinion Steering

Sweet Manufacturing Rack and Pinions are available in 11 different ratios, with multiple rack ends and center distances. Power racks are available with an Integrated Servo or a Non-Integrated remote Servo. Sweet Manufacturing has been leading the industry providing the smoothest most reliable Rack and Pinion steering systems for over 30 years. Randy Sweet was the first to provide racers with a rack that can endure the loads at race tracks such as Winchester and Eldora. Every Rack and Pinion is produced and assembled in Kalamazoo, MI by the professionals at Sweet Manufacturing.

005- 93 3 4 5 -235

Rack Prefix

Rack Speed

30- 1 7/8"
40- 2"
50- 2 1/4"
60- 2 1/2"
80- 3"
90- 3 1/4"
91- 3 1/2"
92- 3 3/4"
93- 4"
94- 4 1/4"
95- 4 1/2"

Center Distance

1- 16 1/2"
2- 17 1/4"
3- 18 1/4"
5- Special Order
6- 19 1/4"
7- 19 3/4"
8- 18/19 1/4"

Rack Ends

2- On Center (5/8" Stud)
3- Rod End Eye
4- On Center Rod End Eye
5- Standard Slotted Eye
6- Upside Down Slotted Eye
7- Dual RH Hole (Rocket)
8- RH On Center LH Slotted
9- Dual RH Slotted (Rocket)
11- RH Slot Down LH Slot Up
12- RH Slot Up LH Slot Down

Servo

185- Stock
200- XX Light
210- X Light
220- Light
235- Med. Light
250- Medium
265-Med./Heavy
275- Heavy
300- X Heavy

Power Assist

1- Manual
4- Dual Power
5- XL Dual Power



Mini Rack

Part no.

Description

033-27114 2 3/4" Mini Rack and Pinion
033-47114 4 3/4" Mini Rack and Pinion
033-52114 5 1/4" Mini Rack and Pinon



Popular Rack Part Numbers

Part no.

Description

005-94345-235-XLHK 4 1/4" 18 1/4" Slotted Eyes w/.235 Servo (Rocket XR1.5)
005-956411-220 4 1/2" 19 1/4" LH up RH down w/.220 Servo (Longhorn)
005-60375-185 2 1/2" 18 1/4" BB Slotted Eyes w/.185 Servo (Modified)
005-80345 3" 18 1/4" Slotted Eyes (Asphalt Late Model)



Sprint Car Power Steering Box



306-40 1 10 -235

- Box type**

 - 306- Half Box
 - 307- Full Box
 - 310- Half Box (Black)
 - 318- Full Box (Black)
- Output Shaft**

 - 30- 14"
 - 40- 16"
 - 50- 18"
- Gear Type**

 - 1- Dirt
 - 2- Asphalt
- Input Height**

 - 10- Short
 - 30- Medium
 - 50- Long
- Valve**

 - 220- Light
 - 235- Med. Light
 - 250- Medium
 - 265- Heavy
 - 300- X Heavy

Sweet Manufacturing started with a clean slate and designed the lightest and most durable Sprint Gear on the market. Made from a compact 4340 chrome moly housing and billet aluminum side bell, valve housing, and a pitman shaft made from the finest of materials. All of this makes this gear weigh in at only 24 lbs.



Sprint Car Steering Components

Part no.	Description
306-10210	8 3/4" Wing Cylinder
306-10200	10" Wing Cylinder
306-10215	12" Wing Cylinder
306-10100	Gen 1 Wing Valve
306-10250	Gen 2 Wing Valve
306-10300	Sprint Car Pump Kit
306-30071	Standard Sprint Car Tank
306-30072	Black Sprint Car Tank

Sweet Manufacturing rethought how to effectively actuate a Sprint Car Wing. Our Gen I Wing Valve is powered directly off the power steering pump making it possible to adjust the wing at full speed. The Gen II Valve took it a step further and integrated a check valve to minimize the possibility of wing drift. The Sweet Mfg. Wing Cylinders are also specifically designed to make these adjustments at speed. And the heart of the system the Sweet Sprint Car Power Steering Pump is the only Sprint Car Pump to feature a flow control valve that provides a smooth consistent feel regardless of RPM or Temperature.



Sweet Mfg. Power Steering Servos have proven their performance over the last 30 years. The Standard Servo was the first available, the Lightweight Servo was developed 15 years later and features a new generation valve that reduces heat, and promotes an unmatched feel for the race track. The Lightweight Servo is also half the weight (2.5 Lb). The Integrated Servo contains the same valve as the Lightweight, and is sold as a replacement part for a Sweet Mfg. Integrated Rack and Pinion. The Power Steering Servo does not generate any torque or power itself. It is to be run in combination with a Power Steering Pump, and Assist Cylinder.



Integrated		Lightweight		Standard	
Part no.	Description	Part no.	Description	Part no.	Description
302-32185	.185 Integrated Servo	303-33185	.185 Lightweight Servo	301-30185	.185 Standard Servo
302-32200	.200 Integrated Servo	303-33200	.200 Lightweight Servo	301-30200	.200 Standard Servo
302-32210	.210 Integrated Servo	303-33210	.210 Lightweight Servo	301-30210	.210 Standard Servo
302-32220	.220 Integrated Servo	303-33220	.220 Lightweight Servo	301-30220	.220 Standard Servo
302-32235	.235 Integrated Servo	303-33235	.235 Lightweight Servo	301-30235	.235 Standard Servo
302-32250	.250 Integrated Servo	303-33250	.250 Lightweight Servo	301-30250	.250 Standard Servo
302-32265	.265 Integrated Servo	303-33265	.265 Lightweight Servo	301-30265	.265 Standard Servo
302-32275	.275 Integrated Servo	303-33275	.275 Lightweight Servo	301-30275	.275 Standard Servo
302-32300	.300 Integrated Servo	303-33300	.300 Lightweight Servo	301-30300	.300 Standard Servo

Power Steering Servos

Power Steering Reservoirs

The Power Steering Reservoir is a very important often overlooked part of a power steering system. Always be sure to mount your tank as close to the pump as possible, also be sure to always fill your reservoir with enough fluid to keep the return fitting submerged in fluid. The pressurized reservoirs use a pocket of pressurized air above the fluid to help prevent starvation and cavitation.

Part no.	Description
Reservoirs	
301-30050	5" Tank and Bracket
301-30051	5" Tank Only
301-30056	5" Pressurized Tank w/tabs
301-30071	7" Tank and Bracket
301-30072	7" Tank Only
301-30077	5" Pressurized Tank Only
301-30078	7" Pressurized Tank and Bracket
301-30072	7" Pressurized Tank Only
Tank Brackets	
301-30052	Steel Clamp on Bracket
301-30053	Steel Bolt on Bracket
301-30057	Lightweight Bolt On Bracket
301-30088	1 3/4" Alum. Clamp on Bracket
301-30089	1 1/2" Alum. Clamp on Bracket



Power Steering Pumps

Sweet Manufacturing offers power steering pumps built on the bulletproof Toyota platform. These pumps are capable of over 1700 PSI and will preform over a wide RPM range. Power steering pumps are available in 2.0, 3.0 and 4.0 gallons per minute. Sweet Manufacturing combination pumps have an integrated fuel pump offered in .300 or .400 gear sizes.



Pump Prefix-

Pump Type

80- Sweet Aluminum

85- Sweet Alum. w/Fuel Drive

GPM.

1-2 GPM

3-3 GPM

5-4 GPM

Drive Type

O- No Pulley

1- 6" Sweet Pulley (7/16" groove)

2- 6" Sweet Pulley (1/2" groove)

3- 7 1/2" Sweet Pulley (7/16" groove)

4- 3/8" Hex Drive

5- 6 Groove Serpentine Pulley

7- 3 Groove Serpentine Pulley

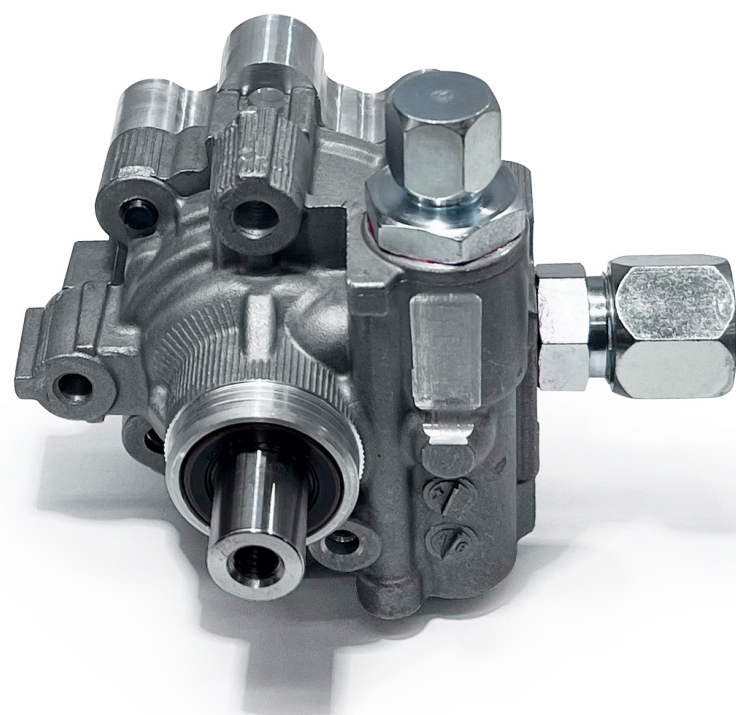
8- 6-Bolt Hub for CV Pulley

9- HTD Pulley w/Guides (33t)



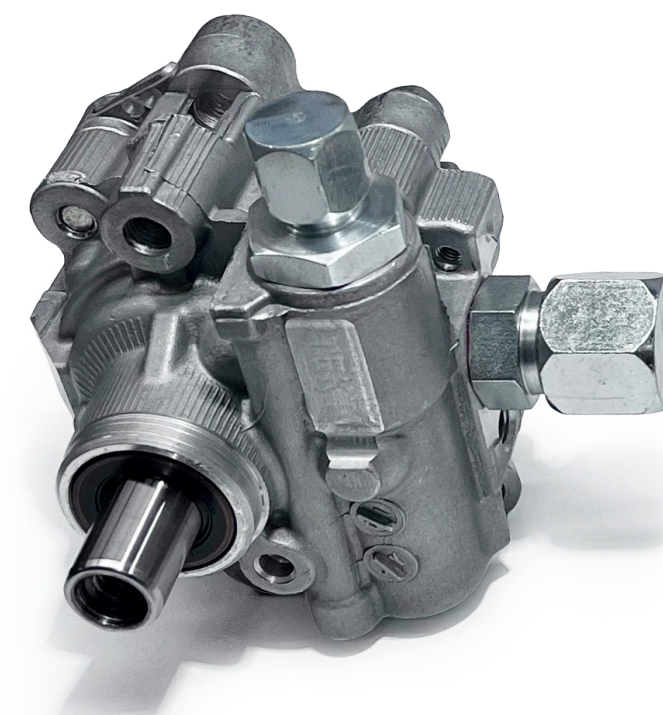
Sweet Aluminum Pumps w/FP Adapter

Part no.	Description
1700 PSI	
305-85832	Sweet Aluminum Pump w/ 3/8" Fuel Drive No Pulley
305-85830	Sweet Aluminum Pump w/ 1/4" Fuel Drive No Pulley
305-85834	Sweet Aluminum Pump 3/8 Hex Drive w/ 3/8 Fuel Drive
305-85835	Sweet Aluminum Pump 3/8 Hex Drive w/ 1/4 Fuel Drive
305-85839	Sweet Aluminum Pump 3/8" Fuel Drive 33t HTD Pulley
305-85840	Sweet Aluminum Pump 1/4" Fuel Drive 33t HTD Pulley



Sweet Aluminum Pumps

Part no.	Description
1700 PSI	
305-80330	Sweet Aluminum Pump No Pulley
305-80331	Sweet Aluminum Pump w/6" Pulley 7/16" groove
305-80332	Sweet Aluminum Pump w/6" Pulley 1/2" groove
305-80333	Sweet Aluminum Pump w/7-1/2" Pulley 7/16" groove
305-80334	Sweet Aluminum Pump 3/8" Hex Drive
305-80335	Sweet Aluminum Pump w/6 groove Serpentine Pulley
305-80339	Sweet Aluminum Pump w/ 33 tooth HTD Pulley



Power Steering Pump Brackets



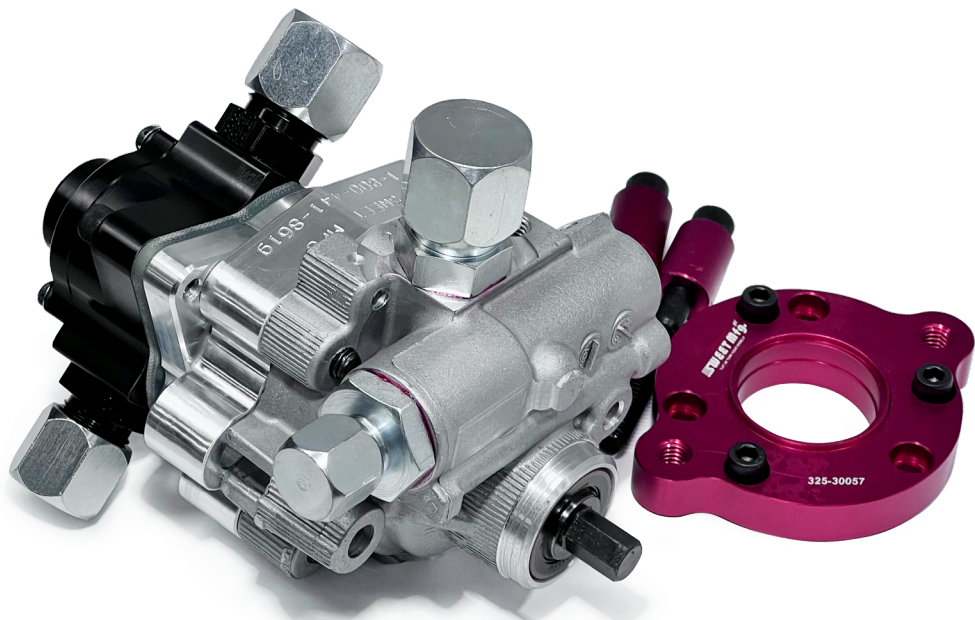
Part no.	Description
Oil Pump Adapters	
325-30040	Oil Pump to Sweet Aluminum Hex Drive
325-30055	Peterson R4 to Sweet Aluminum Hex Drive
325-30057	Oil Pump to GM Type Hex Drive PS Pump
325-30058	Stock Car Products Oil Pump Adapter
325-30059	Phenolic Spacer
328-30060	3/8"-24 threaded Female Hex
Power Steering Pump Brackets	
325-30030	Small Block Chevy Head Mount
325-30031	Big Block Chevy Head Mount
325-30034	Small Block Chevy Block Mount
325-30049	Bert/Brinn Bellhousing Mount
325-30044	Tandem Pump Bellhousing Mount (Mech. FP)
301-61006	Tandem Pump Bellhousing Mount (Sweet FP)
301-30610	Tandem Pump Head Mount
301-61004	Phenolic Spacer (Sweet FP)
325-30035	Replacement T-nut
325-30036	Bracket To Head Bolt Kit (Std. Head Mount)
325-30037	Pump to Bracket Bolt Kit (Head or Block)
325-30039	Bracket To Block Bolt Kit
Rear End Mount Pump Brackets	
501-30022-1	Left Hand Quick Change Mount Kit
501-30022	Right Hand Quick Change Mount Kit
501-30023	Right Hand Cast Bracket
501-30028	Left Hand Cast Bracket
501-30026	Quick Change Mount Bolt Kit



Power Steering Pump Pulleys



Part no.	Description
301-30020	6" Aluminum Sweet Pulley (7/16" groove)
301-30021	6" Aluminum Sweet Pulley (1/2" groove)
301-30022	7-1/2" Aluminum Sweet Pulley (7/16" groove)
301-30025	5" Serpentine Pulley 3 groove
301-30027	6-Groove Serpentine Pulley (5-1/2")
301-30043	33 tooth HTD Pulley with Guides
301-30047	38 tooth HTD Pulley with Guides
301-30049	31 tooth HTD Pulley with Guides



Hex Drive Combination Pump Assembly

Hex Drive Combination Assembly
This assembly includes our Sweet Mfg. Power Steering Pump with a 3/8" hex drive and 1/4" fuel pump drive. A .300 or .400 Sweet Mfg. Fuel Pump, and all necessary brackets and spacers to mount to a dry sump oil pump. Such as Barnes, Stock Car Products, and Peterson*.

*Peterson R4 pumps require a 325-30055 adapter plate which is also included in the 305-85882 Assembly.

Part no.	Description
305-85880	Hex Drive Combo Assembly .300 Gear Fuel Pump
305-85882	Hex Drive Combo Assembly (Peterson R4)
305-85884	Hex Drive Combo Assembly .400 Gear Fuel Pump
325-30040	Oil Pump Adapter (Barnes, SCP, Older Peterson)
325-30055	Oil Pump Adapter (Peterson R4)
305-85835	Sweet Pump with 3/8" Hex PS, Drive 1/4" FP Drive
301-61002	Adapter Plate for Sweet Power Steering to Fuel Pump
301-61004	Heat Resistant Phenolic Spacer
308-10200	.300 Sweet Mfg. Fuel Pump
308-10400	.400 Sweet Mfg. Fuel Pump



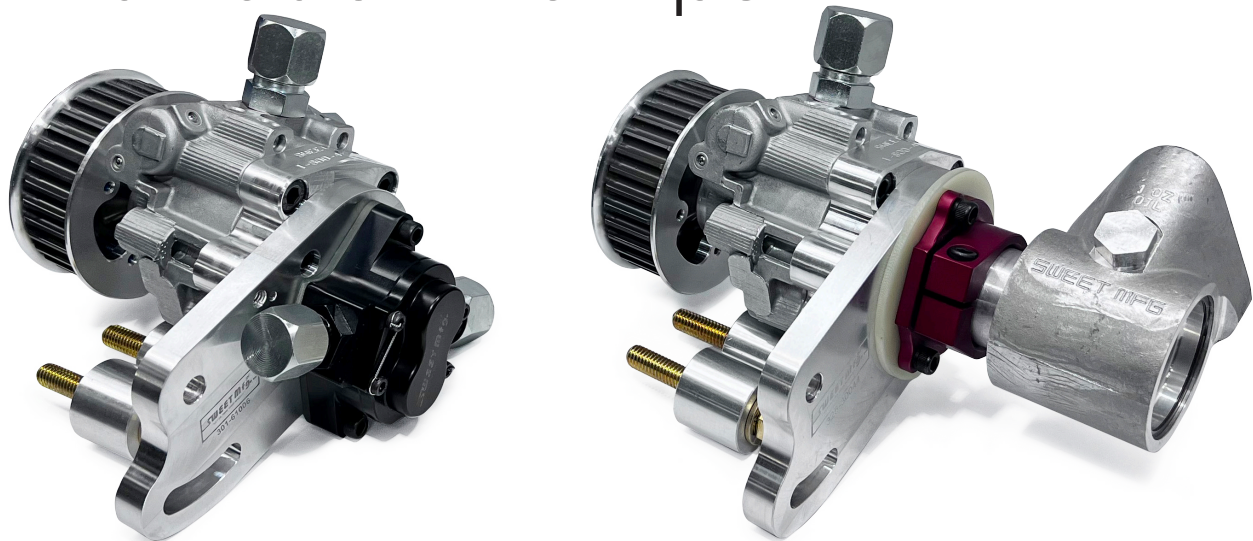
Head Mount Combination Pump Assembly

Head Mount Combination Assembly
A head mount version of our popular Combination Pump Assembly. This pump utilizes the same Sweet / Toyoda power steering pump and Sweet Manufacturing Fuel pump but with a partially integrated bracket and belt adjustment to help save space on the front of the engine. The assembly comes complete with Power Steering Pump, Fuel Pump, T/P Head Mount Bracket, 800mm HTD belt and an Aeromotive Dual Adjustable Fuel Regulator.

Part no.	Description
305-85890	Head Mount Combo Assembly .300 Gear Fuel Pump
305-85894	Head Mount Combo Assembly .400 Gear Fuel Pump
305-85900	Combination Pump For Head Mount
305-85910	Head Mount Combo Pump (PS only)
301-30610	Head Mount Combo Pump Bracket
301-30048	800mm HTD Belt



Bellhousing Mount Combination Pumps



Bell-housing Mount Combination Assembly
This pump assembly includes a Sweet Mfg. Power Steering Pump with a 33 tooth HTD pulley, Bell housing bracket and 300. or .400 gear Sweet Mfg. Fuel Pump. This assembly is designed to work with all major bell-housing manufacturers.

Part no.	Description
305-85841	Bell-housing Combo Assembly w/33T .300 Gear Fuel Pump
305-85842	Bell-housing Combo Assembly w/31T
305-85844	Bell-housing Combo Assembly w/33T .400 Gear Fuel Pump
305-85840	Sweet Power Steering Pump w/33 tooth HTD Pulley
301-61006	Bell-housing Mount For Combo Pump
308-10200	Sweet Mfg. Fuel Pump
301-30033	576mm x 20mm HTD Belt (Bert)
301-30044	600mm x 20mm HTD Belt (Brinn)

Tandem Pump W/ Mechanical fuel drive
This power steering pump/mechanical fuel pump Drive combination is perfect for any car using a Bert/Brinn style bell-housing and flywheel. This all new concept allows for any small block Chevy mechanical Fuel pump to be driven by a cam lobe located on the back of the power steering pump. The power steering pump comes complete with a 33 tooth HTD pulley with guides. The pump mount has a built in fuel pump adapter which drives our mechanical pump drive comes complete with bolts and spacers. The pump features a swivel clamp for adjustment.

Part no.	Description
305-85839	Sweet Aluminum Pump w/HTD Pulley 33 Tooth
308-10100	SBC Mechanical Fuel Pump Drive w/Aluminum Clamp
325-30044	Bell-housing Pump Mount w/Fuel Pump Adapter
325-30059	Phenolic Spacer

Steering Universal Joints

Designed specifically for use in race cars, Sweet Universal Joints are strong and precise with “no slop”. Compact, lightweight and durable, our universal joint is capable of 32 degrees of working angle for a single joint, and 80 degrees for a double. These universal joints have been NASCAR approved.

Trunnions and bearing caps are not available as replacement items.



401- 5 06 15

U-Joint Prefix

2 digit code for second yoke

Finish

- 3-Single stainless joint
- 5 - Single joint with black oxide
- 6- Single joint with chrome finish
- 8- Double joint with black oxide
- 9-Double joint with chrome finish

2 digit code for first yoke. Lowest number code first.



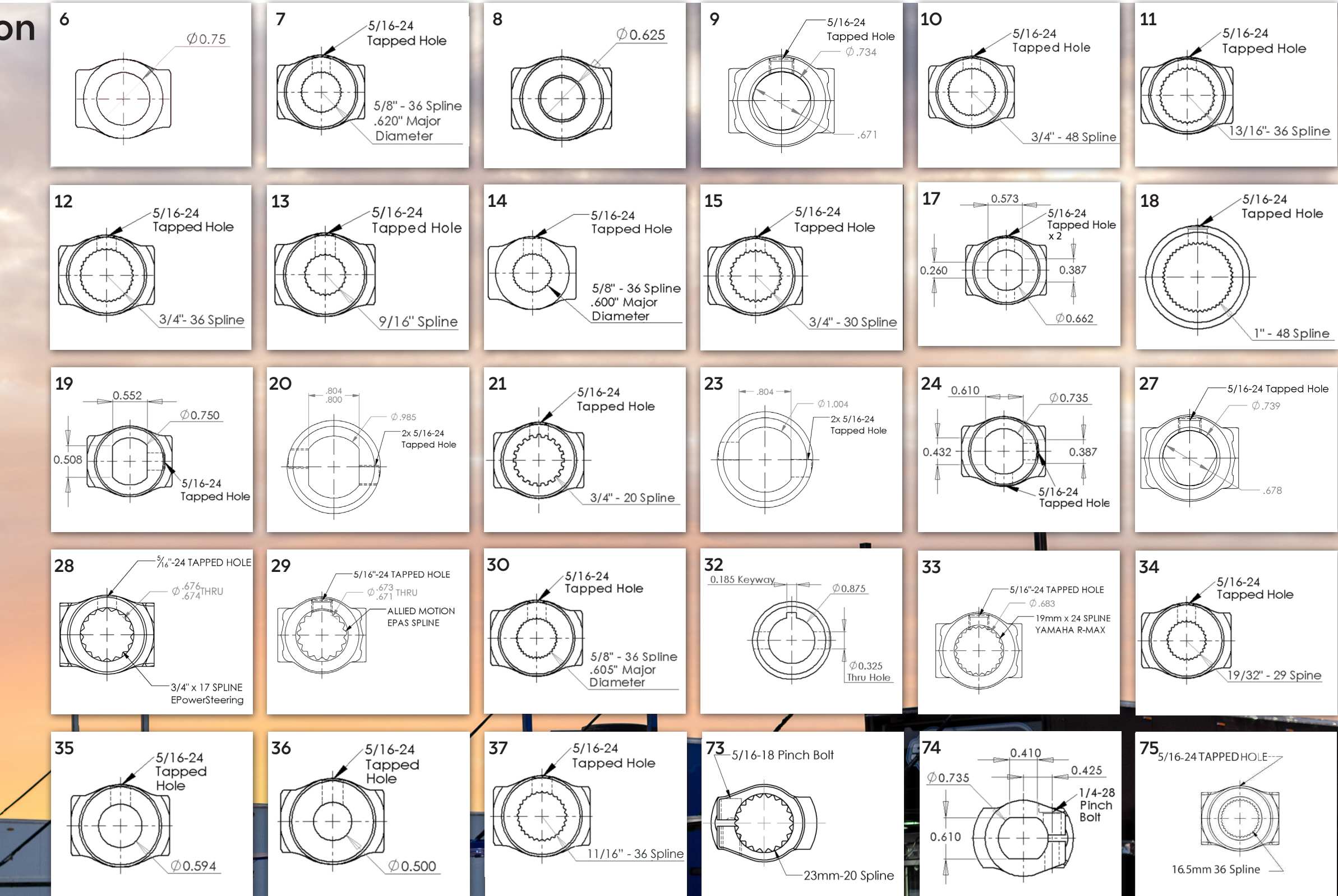
Universal Joint Selection

To select a part number start by using the Universal Joint prefix of "401-"next choose either "5" for single black oxide, "3" for single stainless, "6" for single chrome finish, "8" for double black oxide and "9" for double chrome. Follow with the combination of yokes you would like, starting with the lowest number first.

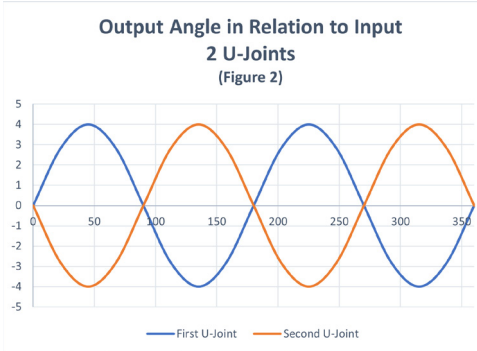
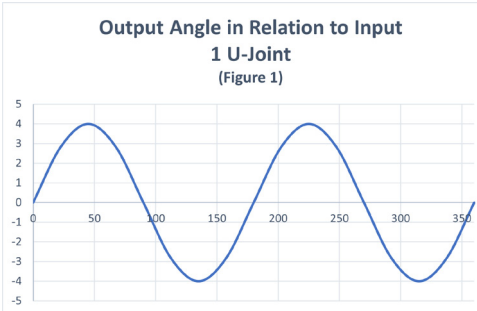
Example:
401-50615 = Standard 3/4" Smooth x 3/4"-30

#	Description
6	3/4" Smooth Bore
7	5/8"-36 Spline, Mini Rack / Stiletto
8	5/8" Smooth Bore
9	Heidts Aftermarket Ford R&P
10	3/4"-48 Spline, Sweet Spline
11	13/16"-36 Spline, Chevy Power
12	3/4"-36 Spline, Pinto Power, Quickener
13	9/16"-26 Spline Pinto Manual
14	5/8"-36 Spline, Vega Box
15	3/4"-30 Spline, NCP, Sweet Int. Rack
17	Corvette
18	1"-48 Spline, Stock GM Column
19	3/4" Double "D"
20	1" Double "D" OEM Column
21	3/4"-20 Spline, Sweet Column
23	1" Double "D" IDIDIT Column
24	Jeep Flat
27	OEM Ford Rack and Pinion 1994 & Up
28	19mm -17 Spline
29	Allied Motion EPAS
30	5/8"-36 Spline, Flaming River Vega Box
32	7/8" Smooth Bore with Key-way
33	19mm -24 R-Max
34	19/32"-29 Spline, Yamaha Rhino
35	19/32" Smooth Bore
36	1/2" Smooth Bore
37	11/16"-36 Spline
73	23mm-20 Spline
74	Jeep Flat Pincher
75	16.5mm-36 Spline

Finish/Material Chrome — Stainless Steel —



U-Joint Phasing

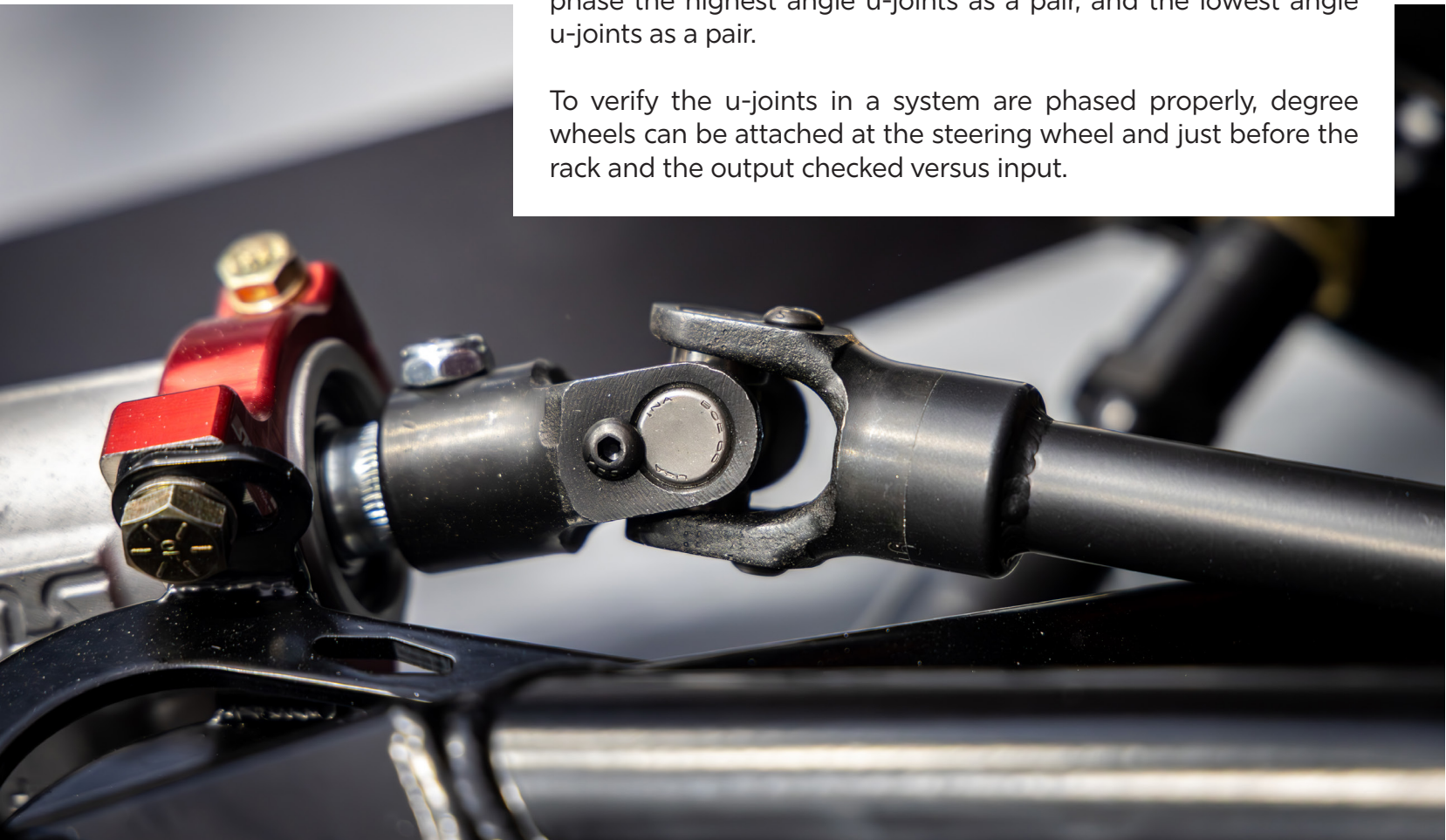


When a u-joint is operated through an angle, the output of the u-joint accelerates and decelerates when compared to the input. The u-joint cycles through this pattern every 180°, or twice per revolution (as seen in Figure 1) By phasing two joints so that their cycles are 90° apart, the accelerations of the first u-joint will be canceled by the accelerations of the second, resulting in a linear output (seen in Figure 2).

As a general rule, pairs of u-joints should be phased so that the inner pair of yokes are in line with each other, This, however, only works when all the shafts lie on a single plane, as with a driveshaft. In a steering column, each u-joint often lies in a separate plane from any other u-joint, and this must be accounted for. In these cases the inner yokes of a pair of u-joints must be set to lie on their own plane, rather than directly in line with each other.

In 3 u-joint systems it is possible to phase both of the two lowest angle u-joints to the higher angle joint in order to cancel its accelerations. Alternatively a double u-joint may be used in place of the highest angle joint, with the two lower angle joints used to cancel each others accelerations. In 4 u-joint systems it is best to phase the highest angle u-joints as a pair, and the lowest angle u-joints as a pair.

To verify the u-joints in a system are phased properly, degree wheels can be attached at the steering wheel and just before the rack and the output checked versus input.



Adjustable Steering Columns

Adjustable steering columns are not only a safety feature, but an excellent way to eliminate flex and binds in your steering shaft. Length is measured from the end of the housing to the beginning of the adjustable shaft. There is 8" of adjustably. Quick releases are available in steel for NASCAR competitors, aluminum, and lightweight for weight conscious short track racers.

Part no.	Description
405-10000	14" Adjustable Steering Column
405-10001	18" Adjustable Steering Column
405-10003	21" Adjustable Steering Column
405-10006	23" Adjustable Steering Column
405-10009	25" Adjustable Steering Column



Dash Bar Mounting Brackets

Part no.	Description
405-10210	4 3/8" Dash Bar Brackets
405-10215	6 3/8" Dash Bar Brackets
405-10220	9 3/8" Dash Bar Brackets
405-10205	1 Hole Column Clamp
405-10207	3 Hole Column Clamp
405-10230	1 3/4" to 1 1/2" Reducer

Sweet Manufacturing Adjustable Steering Columns require mounting brackets and clamp. Brackets are available in 3 lengths, measured from the center of the dash bar to the mounting hole.

All Brackets are for 1 3/4" tubing, a reducer is required for 1 1/2" dash bars.



Lightweight Adjustable Steering Columns

Lightweight Adjustable Steering Columns are a more simplified version Standard Adjustable Column. These columns utilize a 1-1/8" Rod End style support hanger to be used with a steering column bracket. Or a Mono-ball style hanger to be used with our Dash Bar Brackets. These columns are welded and assembled in Kalamazoo Michigan using the finest materials available. All Lightweight Adjustable Steering Columns come complete with our Aluminum Quick Release.

Part no.	Description
405-10310	Standard 18" LW Column Assembly
405-10312	Barry Wright LW Column Assembly
405-10315	GRT LW Column Assembly
405-10316	Swartz / Shaw LW Column Assembly
405-10317	Rocket LW Column Assembly
405-10318	Jet LW Column Assembly
405-10325	Rayburn LW Column Assembly
405-10326	Rayburn w/Mono-ball LW Column Assembly
405-10331	Hamke LW Column Assembly
405-10335	Lethal LW Column Assembly

Steering Column Components



Part no.	Description
405-10405	3/4" Lightweight Firewall Support Bearing
405-50003	3/4" Firewall Flange Bearing (steel)
405-10425	1 1/8" Lightweight Firewall Support Bearing
405-10369	1 1/8" LW Column Support w/Jam Nuts
405-10368	Ext. 1 1/8" LW Column Support w/J-nuts
405-10243	1 1/8" LW Mono-ball Column Support
901-50009	Oversized Rod End w/Jam Nuts
301-30100	Sweet Spline 3/4"-48 Spline
301-30110	Chevy Power 13/16"-36 Spline
301-30120	Chevy Manual / Quickener 3/4"-36 Spline
301-30125	3/4" Double D
301-30130	Pinto Manual 9/16"-26 Spline
301-30140	Vega 5/8"-36 Spline
301-30141	Stiletto / Mini Sprint Rack 5/8"-36 Spline
301-30150	Sweet Int. Rack / NCP 3/4"-30 Spline
301-30160	Sweet Adjustable Steering 3/4"-20 Spline
405-10100	Lower Adjustable (slipper) Steering Shaft
405-50367	36" 3/4" D.O.M. w/ 3/4-48 Spline 1 end
405-50369	36" 3/4" D.O.M. w/ 3/4"-48 Spline 2 ends
006-52175	24" Double D Steering Shaft (3/4")
006-52177	36" Double D Steering Shaft (3/4")





Sweet Manufacturing Quick Release Hubs are the industry standard in steering wheel quick coupling. All Quick Releases feature push to lock engagement and a 360° flange for safe and easy disengagement. Quick Release Hubs are offered in 3 and 6 bolt patterns, with an anodized aluminum, or plated steel flange. Hubs are available in Standard or Lightweight for more weight conscious divers. Sweet Manufacturing Quick Releases feature an extra long spline for maximum engagement ensuring a tight durable fit.

Quick Release Components

Part no.	Description
801-70001	Steel Quick Release w/ Coupler
801-70004	Alum. Quick Release w/ Coupler
801-70004Y	Yellow Alum. Quick Release w/ Coupler
801-70005	Alum. Sprint Car Quick Release w/ Coupler
801-70008	Can-am / Polaris Coupler w/ Nut
801-70030	Adj. Column Steel Quick Release w/ Coupler
801-70031	Adj. Column Alum. Quick Release w/ Coupler
801-70031Y	Adj. Column Yellow Alum. Quick Release w/ Coupler
801-70026	Adj. Column Coupler w/ Hardware
801-70035	Aluminum Quick Release w/o Coupler
801-70035B	Black Aluminum Quick Release w/o Coupler
901-70035Y	Yellow Aluminum Quick Release w/o Coupler
801-70036	Steel Quick Release w/o Coupler
801-70055	6 Bolt Aluminum Quick Release w/ weld on Coupler
801-70055B	6 Bolt Black Alum. Quick Release w/ weld on Coupler
801-70055Y	6 Bolt Yellow Alum. Quick Release w/ weld on Coupler
801-70052	Long Spline weld on Coupler
801-70100	L.W. Adj. Column Steel Quick Release w/ Coupler
801-70065	6 Bolt Adj. Column Quick Release w/ Coupler
801-70065B	6 Bolt Black Adj. Column Quick Release w/ Coupler
801-70065Y	6 Bolt Yellow Adj. Column Quick Release w/ Coupler
801-70105	L.W. Steel Quick Release w/o Coupler
801-70200	L.W. Adj. Column Alum. Quick Release w/ Coupler
801-70205	L.W. Aluminum Quick Release w/o Coupler
801-80100	4 Bolt Mini Ultralight Alum. Quick Release w/ Coupler
801-80300	3 Bolt Mini Ultralight Alum. Quick Release w/Coupler
801-80010	4 Bolt / 3 Bolt Mini Ultralight weld on Coupler



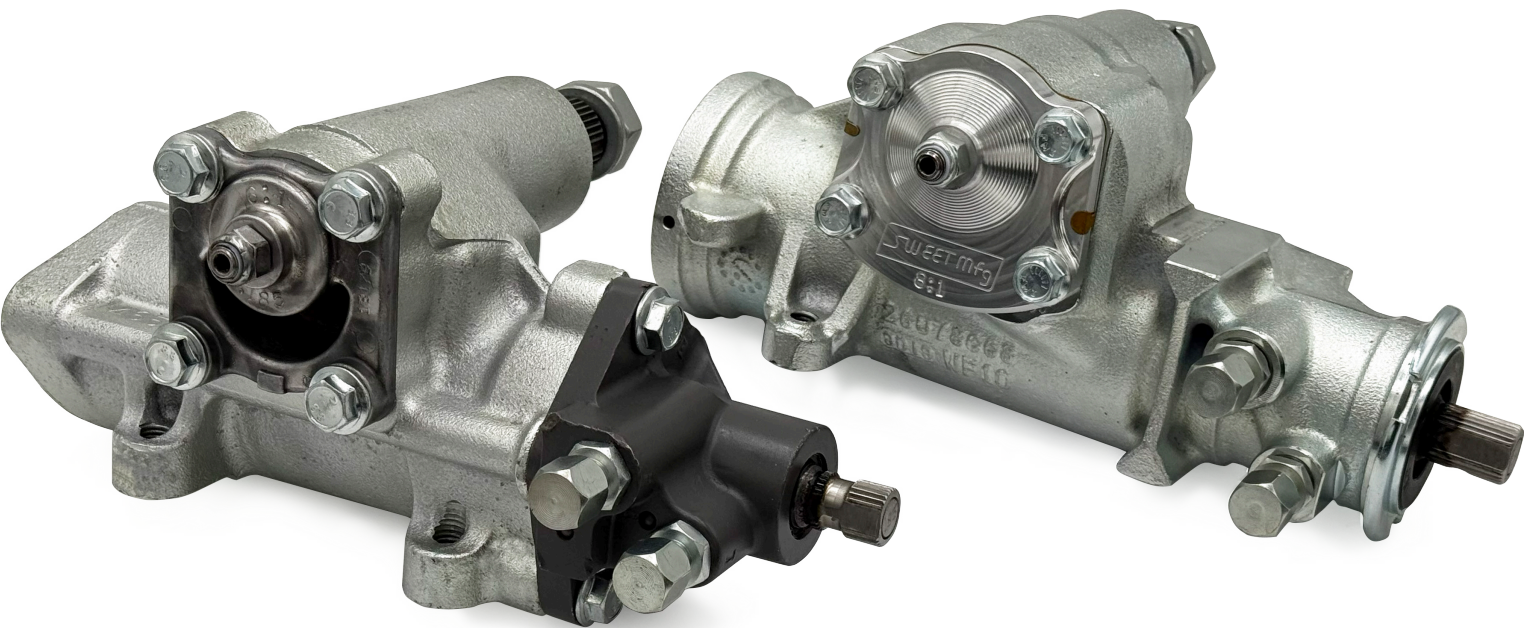
Steering Wheels

Sweet Manufacturing has been producing American made racing Steering Wheels for over 20 years. Our Steering Wheels are made from 6061 Aluminum and feature a soft rubber grip. Our wheels are offered in standard size (7/8" Ø) and large grip (1-1/16" Ø). Both grip sizes are also offered in Flat and Dished center and are also available with or without coating.



Part no.		Description
	7/8"Ø	1-1/16"Ø
601-70131	N/A	13" Flat Steering Wheel
601-70132	N/A	13" Dished Steering Wheel
601-70151	601-80151	15" Flat Steering Wheel
601-70152	601-80152	15" Dished Steering Wheel
601-70161	601-80161	16" Flat Steering Wheel
601-70162	601-80162	16" Dished Steering Wheel
601-70171	601-80171	17" Flat Steering Wheel
601-70172	601-70172	17" Dished Steering Wheel
611-70131	N/A	13" Flat Uncoated Steering Wheel
611-70132	N/A	13" Dished Uncoated Steering Wheel
611-70151	611-80151	15" Flat Uncoated Steering Wheel
611-70152	611-80152	15" Dished Uncoated Steering Wheel
611-70171	N/A	17" Flat Uncoated Steering Wheel
611-70172	N/A	17" Dished Uncoated Steering Wheel

Power Steering Boxes



208- 06 185

Box Series
 206 / 208- Sportsman Steering Box. A box developed for the budget minded racer. The 10:1, 8:1, and 6:1 are designed to eliminate the need for a steering quickener.
 206- 3/4" 30 Input
 208- 13-16" 36 Input

209- 600 series Steering Box. These boxes are Dyno tested for quality assurance and ran on our centering machine to accurately locate the center tooth and eliminate any possible tight spots though travel. The exact degree of the pitman shaft is then stamped on the box. The 600 Series Steering Box is 6lbs lighter than a standard Sportsman Steering Box.

210- 600 series Sportsman Steering Box. The next generation in quality fast ratio, affordable steering gears. Based on the 600 series design with the innovative Sportsman gear technology to keep costs down. Like the standard 600 this box is up to 6lbs lighter than a 700 series.

*600 Series boxes are only available with a 3/4" 30 input

Ratio
 06- 6:1
 08- 8:1
 10- 10:1
 12- 12:1
 14-14:1
 16- 16:1

Valve Size
 185- Stock
 200- XX Light
 210- X Light
 220- Light
 235- Med. Light
 250- Medium
 265-Med./Heavy
 275- Heavy
 300- X Heavy

Fabricated Spindles

With options like degree, pin style, brake bracket type, and Ackerman adjustment, Sweet Manufacturing Fabricated Spindles are offered in nearly endless variants. Listed are a few of our most popular options. If you don't see what you are looking for check out Sweetmanufacturing.com for a more complete list or feel free to give us a call for assistance in spindle selection.



701- 120- 1 2 3

Spindle Prefix
Spindle Number
 101- East Coast Mod 10°
 105- Sweet EC Mod 8°
 107- Ford 12°
 115- East Coast Mod 8°
 119- Figure Eight 10°
 120- Ford 10°
 121- Chevy 10°
 122- Pinto 8°
 141- Ford 5°
 148- Chevy 5°
 150- Ford 7°
 157- Chevy 7°

Brake Bracket
 0- East Coast
 1- GM
 2- Superlight (11 3/4" Rotor)
 3- Dynalite
 5- Superlight (12 3/4" Rotor)
 6- No Brake

Pin Style
 1- Wide 5
 2- 5x5
 3- GM Impala

Left or Right
 1- Left
 2- Right
 3- Left Adjustable
 4- Right Adjustable



Miscellaneous Components

Even though our steering components made us a leader in the industry, Sweet Manufacturing offers more than that. From our suspension components to our bolt on brake brackets, our caliper brackets and hose kits to our Ackerman Advantage System, we offer a variety of parts to help you dial in your ride.



Part no.	Description
308-10200	Sweet Mfg. Fuel Pump
901-10151	Air Cleaner Knob
901-15150	Air Cleaner 4130 Stud 5/16-18
901-10008	Carburetor Hat
501-60008	Aluminum, Brake w/Caliper Bracket
501-60009	Dirt 1" wide Aluminum, Brake Caliper Bracket
301-30177	Sweet Gold Power Steering Fluid (quart)
901-82010	AAS w/NASCAR / SCP Adapter
901-82020	AAS w/Pinto Adapter
901-82030	AAS w/Wide 5 Adapter
901-82050	AAS w/Impala Adapter



Part no.	Description
501-60040	Aluminum Torque Absorber
501-60040	Replacement Elastomer
501-60042	Steel Torque Absorber
501-60010	1 3/4" Aluminum Clevis
501-60012	Heavy Duty Panhard Bar Hoop
501-60015	Lightweight Panhard Bar Hoop
501-60032	Replacement Monoball (panhard hoop)
510-60115	Replacement Stud (panhard hoop)
501-60007	Aluminum Coil over Bracket
501-60050	Aluminum Top Link Brackets
301-30080	Rack and Pinion Hose Kit (non integrated)
301-30091	Steering Box Hose Kit
301-30083	Int. Rack w/PTO Pump Hose Kit
301-30084	Int. Rack w/ Standard Mount Hose Kit



Rebuild Components

In addition to our rebuild services, Sweet Manufacturing offers replacement components for DIY racers looking to repair or freshen up their parts. Nearly every part of our rack and pinions, steering boxes, and power steering pumps is available for individual purchase. For information regarding our rebuild service feel free to contact our tech department.

Rack and Pinion Components

Part no. **Description**

Rebuild Kits

- OO1-21510 2 1/2" Or Slower 1 3/8" Cylinder Bore
- OO1-21511 2 1/2" Or Slower 1 1/2" Cylinder Bore
- OO1-21512 3" Or Faster 1 3/8" Cylinder Bore (Dirt)

Rack Shafts

- OO1-21011 16 7/16" Rack Shaft (18 1/4" Rack)
- OO1-21018 17 7/16" Rack Shaft (19 1/4" Rack)

Pinions

- OO1-31130 2 1/2" Non Int. Pinion (10 Tooth)
- OO1-71020 3" Non Int. Pinion (12 Tooth)
- OO2-31020 2 1/2" Integrated Pinion (10 Tooth)
- OO2-71020 3" Integrated Pinion (12 Tooth)
- OO2-91320 4" Integrated Pinion (16 Tooth)
- OO2-91330 4 1/4" Integrated Pinion (17 Tooth)
- OO2-91335 4 1/2" Integrated Pinion (18 Tooth)
- 302-30161 Hex Adapter for Integrated Pinion

Housings

- OO2-33030 2 1/4" / 2 1/2" Rack Housing
- OO2-73030 3" Rack Housing
- OO2-33031 2 1/4" / 2 1/2" Rack Housing (1 1/2" Big Bore)
- OO2-73031 3" Rack Housing (1 1/2" Big Bore)
- OO2-93330 4"- 4 1/2" Dirt Rack Housing

Rack Eyes

- OO1-21116 LH Standard Slotted Rack Eye
- OO1-21117 RH Standard Slotted Rack Eye
- OO1-21126 LH Upside Down Slotted Rack Eye
- OO1-21127 RH Upside Down Slotted Rack Eye
- OO1-21128 RH Double Upside Down Slotted Rack Eye



Part no.

Description

Boots

- OO1-21040 Rack Boot
- OO1-21041 Heavy Duty RH Rack boot (Dirt Racks)

Cylinders

- 302-32063-18.25-ASP-I Pro DP Cylinder 1 3/8"
- 302-33063-18.25-ASP-M Big Bore DP Cylinder 1 1/2"
- 302-32063-18.25-DIRT-I Dirt DP Cylinder 1 3/8"
- OO1-32100 Hose Kit For Integrated Rack

Part no. **Description**

Pump Components

- 321-41006 TC Pump Seal Kit
- 321-81010 Sprint Car / Fuel Drive Pump Seal Kit
- 321-41013 3/8 Hex Drive Shaft and Bearing for TC Pump
- 321-41043 3/8 Hex Drive Shaft for Fuel Drive Pump
- 301-30093 Pump Orifice Pressure Fitting for TC Pump (3.0 GPM)
- 301-35105 Sweet / Toyota Pressure Fitting (3.0 GPM)

Servo Seals

- 312-42006 Integrated / Lightweight Remote Servo Seal Kit
- 311-30040 Standard Servo Seal Kit

Steering Box Components

- 201-28020-1 Box Seal kit 13/16" old style pitman seal*
- 201-28020-2 Box Seal kit 13/16" new style pitman seal*
- 201-28020-3 Box Seal kit 3/4" 1 pc old style pitman seal*
- 201-28020-4 Box Seal kit 3/4" 1 pc new style pitman seal*
- 201-28020-5 Box Seal kit 3/4" 2 pc old style pitman seal*
- 201-28020-6 Box Seal kit 3/4" 2 pc new style pitman seal*
- 219-28930 600 Series Steering Box Seal Kit
- 201-20006 Sportsman Pitman Shaft (Reman OEM)
- 201-28007 New Pitman Shaft (Aftermarket)
- 201-28001 SM GN -6 AN Fitting (o-ring)
- 201-28002 LG GN -6 AN Fitting (o-ring)
- 201-28003 SM GN -6 AN Fitting (inward flare)
- 201-28004 LG GN -6 AN Fitting (inward flare)

Wing Cylinder Components

- 316-20008 8 3/4" Wing Cylinder Rebuild Kit
- 316-20010 10" Wing Cylinder Rebuild Kit
- 316-20012 12" Wing Cylinder Rebuild Kit
- 316-41150 Wing Valve Seal Kit
- 331-44007 Wing Valve Handle

* Use this guide to help in steering box seal kit selection.



We're Driven By Innovation

Sweet Manufacturing has been leading the way in Performance Steering since 1978. Consistently evolving to meet our customers’ needs and push the limits of what’s possible in performance steering.



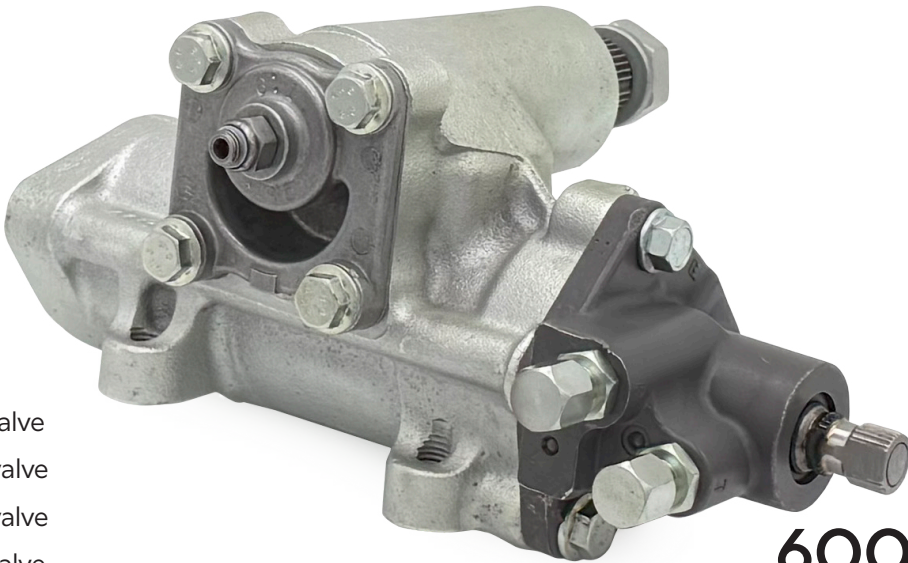
Midget Rack

Part no.	Description
005-804615	3" Midget Rack
005-934615	4" Midget Rack
005-944615	4 1/4" Midget Rack
005-954615	4 1/2" Midget Rack



With the combined knowledge of Randy Sweet and Brian Allegrosso, Sweet Manufacturing created a Rack and Pinion unlike any other. With the ability to clamp directly to the front axle this rack eliminates the need for the bulky steering gear normally associated with Midgets. This rack has a 14" center distance and is available in multiple ratios and cylinder bores.

Part no.	Description
210-O6185	6:1 Ratio .185 valve
210-O6210	6:1 Ratio .210 valve
210-O8210	8:1 Ratio .210 valve
210-O8220	8:1 Ratio 220 valve
210-10235	10:1 Ratio .235 valve



600 Series Sportsman Box

Newest in the evolution of the Sportsman Steering box. This box utilizes Sweet Manufacturing's revolutionary Sportsman gear technology. Like the standard 600 series this box weighs in at up to 6 lbs lighter than a typical steering gear. A perfect fit for a Dirt Modified or Limited Late Model.

Sweet Apparel

In good taste... on or off the track!

Part no.	Description
901-11051	Sweet Mfg. Flexfit Hat LG/XL Black
901-11052	Sweet Mfg. Flexfit Hat SM/MED Black
901-11019	Sweet Mfg. Hat Red
901-11020	Sweet Mfg. Hat Black
901-11006	Sweet Mfg. T-shirt Grey - Small
901-11012	Sweet Mfg. T-shirt Black - Small
901-11007	Sweet Mfg. T-shirt Grey - Medium
901-11013	Sweet Mfg. T-shirt Black - Medium
901-11008	Sweet Mfg. T-shirt Grey - Large
901-11014	Sweet Mfg. T-shirt Back - Large
901-11009	Sweet Mfg. T-shirt Grey - XL
901-11015	Sweet Mfg. T-shirt Black - XL
901-11010	Sweet Mfg. T-shirt Grey - XXL
901-11016	Sweet Mfg. T-shirt Black - XXL
901-11023	Sweet Mfg. Hoodie - Medium
901-11024	Sweet Mfg. Hoodie - Large
901-11025	Sweet Mfg. Hoodie - XL
910-11026	Sweet Mfg. Hoodie - XXL
910-11049	Sweet Mfg. Banner



TERMS: Orders are shipped only upon receipt of credit card approval or certified check unless satisfactory credit arrangements have been made. Open accounts are net payable upon receipt. Any account not paid within 30 days may be placed on C.O.D. and may thereafter be paid only with a certified check until further notice in writing from Sweet Manufacturing, Inc. ("Sweet Mfg."). All returned checks will be assessed a \$25.00 service charge and, if associated with an open account, may thereafter be paid only with a certified check until further notice in writing from Sweet Mfg. Sweet Mfg. may terminate any open account in its sole discretion. These Terms and Policies govern in the event of any conflicting oral or written representation by a Sweet Mfg. employee, officer or agent. SHIPPING: All orders for parts that Sweet Mfg. has in stock are shipped within 24 hours (M-F only), with most orders being shipped the same day they are received (M-F only). Sweet Mfg.'s normal method of shipping is UPS Ground. Next day, second day, and three day select are available at an additional cost. Arrangements for shipping by bus, air, or truck can be made; however, prepayment of your order may be required when using these freight carriers. WHAT CAN BE RETURNED: Sweet Mfg. will accept for return or exchange any product purchased from Sweet Mfg., except special orders, within 30 days from the invoice date. Purchasers will receive credit for parts only. Sweet Mfg. does not credit shipping charges. Items accepted for return are subject to a 15% re-stocking charge. After 30 days, Sweet Mfg. will accept only defective parts for repair or exchange, at Sweet Mfg.'s option. WHAT CANNOT BE RETURNED: Sweet Mfg. will not accept for return any special order; custom built part; any item built to customer specifications, or items that have been used, modified, altered or allowed to deteriorate to a condition where they cannot be resold as new. NO WARRANTY; LIMITATION OF LIABILITY: SWEET MFG. PRODUCTS ARE SOLD "AS IS", AND WITHOUT ANY EXPRESS WARRANTY WHATSOEVER. TO THE FULLEST EXTENT ALLOWED BY STATE AND FEDERAL LAW, SWEET MFG. EXPRESSLY DISCLAIMS IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EVEN IF A PARTICULAR PURPOSE IS MENTIONED IN A SWEET MFG. CATALOG, WRITTEN MATERIALS OR OTHERWISE. SWEET MFG. EXPRESSLY DISCLAIMS ALL LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGE TO OR LOSS OF LIFE, PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COSTS OF PURCHASE OR REPLACEMENT OF GOODS, OR CLAIMS FROM ANY INDIVIDUAL OR ENTITY THAT RESULT FROM THE USE OF ANY SWEET MFG. PRODUCT. PURCHASERS OF SWEET MFG. PRODUCTS ACKNOWLEDGE THAT RACING IS INHERENTLY DANGEROUS AND THAT SWEET MFG. HAS MADE NO REPRESENTATIONS, ORAL OR WRITTEN, THAT ITS PRODUCTS CAN REDUCE OR ELIMINATE ANY SUCH INHERENT RISKS. IN NO EVENT SHALL THE LIABILITY OF SWEET MFG., WHETHER IN TORT, CONTRACT OR OTHERWISE, EXCEED THE COST OF THE PRODUCT AT ISSUE. PURCHASERS SHOULD BE AWARE THAT THEY MAY HAVE LEGAL RIGHTS WHICH VARY FROM STATE TO STATE. SHOULD ANY SWEET MFG. PRODUCT APPEAR DEFECTIVE FOLLOWING PURCHASE, THE PURCHASER, AND NOT THE MANUFACTURER, DISTRIBUTOR OR RETAILER, ASSUMES THE ENTIRE COST OF ALL NECESSARY SERVICING OR REPAIR. SWEET MFG. PRODUCTS THOUGHT BY PURCHASER TO BE DEFECTIVE UPON RECEIPT OR INITIAL INSTALLATION CAN BE RETURNED AT PURCHASER'S COST TO SWEET MFG. FOR INSPECTION AND WILL BE HANDLED ON A CASE-BY-CASE BASIS WITH REPAIR OR EXCHANGE AT SWEET MFG.'S OPTION IN ACCORDANCE WITH THESE TERMS AND POLICIES. SWEET MFG. PRODUCTS ARE NOT STREET LEGAL OR CERTIFIED UNDER FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND REGULATIONS; ITS PRODUCTS ARE NEITHER INTENDED NOR CERTIFIED FOR USE ON PUBLIC STREETS OR HIGHWAYS, BUT ARE SPECIFICALLY DESIGNED AND INTENDED ONLY FOR USE ON RACE VEHICLES OPERATED ON RACE TRACKS WITH THE APPROPRIATE SUPERVISION OF QUALIFIED ENGINEERS AND MECHANICS TO INSURE THAT THE SAFETY NEEDS OF THE RACE DRIVER AND OTHERS ARE MET. SWEET MFG. PRODUCTS COULD BE COMBINED IN NUMEROUS COMBINATIONS, AND THE USE OF SOME PARTS ON SOME VEHICLES IN CERTAIN INSTANCES COULD ADVERSELY AFFECT THE PERFORMANCE OF THE VEHICLE OR OTHER RACE PARTS. PURCHASERS MUST CONTACT SWEET MFG. AT (269) 344-2086 WITH RESPECT TO PRODUCT DEFECT CLAIMS.



Sweet Manufacturing Inc.

3421 S Burdick St.

Kalamazoo, MI 49001

(800) 441-8619

Sales@sweetmanufacturing.com

www.sweetmanufacturing.com

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