

5 ON 5" & 5 ON 4 3/4" DIRT MODIFIED QUICK CHANGE ASSEMBLIES

QUICK CHANGE ASSEMBLIES

Before purchasing your new rear end, Winters encourages you to compare quality, innovation and design of ALL Quick Change Rears available. YOU BE THE JUDGE!

MODIFIED ASSEMBLY

- TO COMPLETE YOUR ASSEMBLY ADD:
- (1) 8270: 5 x 5" Hubs, Rotors & Solid Axles
- (1) 8270-4750: 5 x 4 3/4" Hubs, Rotors & Solid Axles
- (1) 8270-2875: 2 7/8" Hubs, Rotors & Solid Axles
- (2) 9120: Platinum Series Upgrade
- (1) 8228: Gundrilled Axle Upgrade

Complete Assembly Weighs 110 lbs. 6.4 oz.

10", 10 BOLT ALUMINUM ASSEMBLY 5063-MOD

10", 10 BOLT MAGNESIUM ASSEMBLY

Assembly includes 4.86 Ring & Pinion, standard, 8104 Aluminum Pinion Posi-Lock Assembly, 8115 31 Spline Aluminum Spool, 8133 Sprint Center, 10 Bolt, 8143 Pinion Nose Roller Bearing and 8186P 6 Rib Bell with Inspection Plug. Specify tread width and offset when ordering.

PRO-MOD ASSEMBLY



Assembly Shown with Option 8155PMHD Heavy Duty Permanent Mold 8 Rib Side Bells

Complete Assembly Weighs 97 lbs. 3.2 oz.

10", 6 BOLT ALUMINUM ASSEMBLY

10", 6 BOLT MAGNESIUM ASSEMBLY

TO COMPLETE YOUR ASSEMBLY ADD: (1) 8270: 5 x 5" Hubs, Rotors & Solid Axles

(2) 9120: Platinum Series Upgrade

(1) 8228: Gundrilled Axle Upgrade

(1) 8270-4750: 5 x 4 3/4" Hubs, Rotors & Solid Axles (1) 8270-2875: 2 7/8" Hubs, Rotors & Solid Axles

Assembly includes 4.86 Ring & Pinion, standard, 8104 Aluminum Pinion Posi-Lock Assembly, 8130 Ultralight 31 Spline Aluminum Spool, 8133-10-6 Sprint Center, 6 Bolt, 8143 Pinion Nose Roller Bearing, 8186P 6 Rib Bell with Inspection Plug, 8199 Seal Plate, Low Drag Viton, 8208 Thermal Dispersant Coating, 8218-BRG Low Drag REM[®] Bearings, 8218-RP Low Drag REM[®] Ring & Pinion, and 8298 Low Drag Viton Seals. Specify tread width and offset when ordering. Add Option 9145 for Bare, No Logo O'Ringed Billet Gear Cover.

ADDITIONAL WEIGHT SAVING OPTIONS

OPTION	DESCRIPTION	SAVINGS	OPTION	DESCRIPTION	SAVINGS
8111	4.12 Ring & Pinion	0.65 lbs.	8263-55	2 7/8" Tubes/Hubs, 5 on 5"	5.00 lbs./Rear
8130	Ultralight Aluminum Spool	0.65 lbs.	8265	0.156" Wall Tubing	4.00 lbs./Rear
8182B	Aluminum Yoke w/ Stainless Steel Sleeve	1.45 lbs.	8299	Gundrilled Pinion Shaft	0.45 lbs.
8184	Gundrilled Lower Shaft	1.30 lbs.	9143	Scalloped 5 on 5" Drive Flange	1.00 lbs.



TUBES & HUBS

5 ON 5" & 5 ON 4 3/4" HUB ASSEMBLIES

The superior quality of Winter's 5 on 5" and 5 on 4 3/4" Platinum Series Hub Assemblies are UNMATCHED!



Drilled Rotor ©2018 Winters Performance Products, Inc. See rear of brochure or visit web site for limited warranty and venue provision.

TUBES & HUBS



10 SPLINE QUICK CHANGE GEARS

With two minute gear changes and over 65 Ratios to choose from, IT'S ABOUT TIME!



8500 SERIES

Machined from 8620 Steel. When ordering add Prefix 85 to Set #. Example: Gear Set # 01 = 8501

> IMPORTANT-CHECK IT OUT The Ring & Pinion you select in your

> Quick Change will determine your final

gear selection. The more Quick Change

Gear Ratio selections, the more you can

fine tune your car.

GEARING FORMULAS

 $\frac{\text{Ratio x MPH}}{\text{Tire Dia.}} \times 336 = \text{RPM or Ratio} = \frac{\text{RPM x Tire Dia.}}{\text{MPH x 336}}$

TO DETERMINE GEAR RPM CHANGE

(RPM) ÷ (Gear Ratio) x (New Ratio) = (New RPM) Example: 8000 ÷ 4.60 x 5.22 = 9078

TO DETERMINE FINAL DRIVE

(# Teeth Top Gear) ÷ (# Teeth Bottom Gear) x (R&P Ratio) = (Final Drive)

Numerical	Ratio Listed			4.12 Ra (8-33	&P Ratio Teeth)	4.57 Ra (7-32	&P Ratio Teeth)	4.86 Ra (7-34	&P Ratio Teeth)	Numerical	Ratio Listed			4.12 Ra (8-33	&P Ratio Teeth)	4.57 Ra (7-32	&P Ratio Teeth)		&P Ratio Teeth)
GEAR Set #	LOW SPUR RATIO	HIGH SPUR RATIO	# OF TEETH	LOW	HIGH	LOW	HIGH	LOW	HIGH	GEAR SET #	LOW SPUR RATIO	HIGH SPUR RATIO	# OF TEETH	LOW	HIGH	LOW	HIGH	LOW	HIGH
01	1.000	1.000	21/21	4.12	4.12	4.57	4.57	4.86	4.86	14A	0.714	1.400	20/28	2.94	5.77	3.26	6.40	3.47	6.80
02	0.964	1.037	27/28	3.97	4.27	4.41	4.74	4.69	5.04	35	0.708	1.412	17/24	2.92	5.82	3.24	6.45	3.44	6.86
05	0.960	1.042	24/25	3.96	4.29	4.39	4.76	4.67	5.06	32	0.704	1.421	19/27	2.90	5.86	3.22	6.49	3.42	6.90
15A	0.955	1.048	21/22	3.93	4.32	4.36	4.79	4.64	5.09	32A	0.697	1.435	23/33	2.87	5.91	3.19	6.56	3.39	6.97
15	0.950	1.053	19/20	3.91	4.34	4.34	4.81	4.62	5.11	24	0.690	1.450	20/29	2.84	5.97	3.15	6.63	3.35	7.04
26	0.931	1.074	27/29	3.84	4.43	4.26	4.91	4.53	5.22	36	0.680	1.471	17/25	2.80	6.06	3.11	6.72	3.31	7.14
06	0.920	1.087	23/25	3.79	4.48	4.20	4.97	4.47	5.28	37	0.677	1.476	21/31	2.79	6.08	3.10	6.75	3.29	7.17
25	0.909	1.100	20/22	3.75	4.53	4.16	5.03	4.42	5.34	23	0.667	1.500	22/33	2.75	6.18	3.05	6.86	3.24	7.29
12	0.897	1.115	26/29	3.69	4.60	4.10	5.10	4.36	5.42	21	0.655	1.526	19/29	2.70	6.29	2.99	6.98	3.18	7.41
07	0.885	1.130	23/26	3.65	4.66	4.04	5.17	4.30	5.49	21A	0.652	1.533	15/23	2.69	6.32	2.98	7.01	3.17	7.45
07A	0.875	1.143	21/24	3.61	4.71	4.00	5.22	4.25	5.55	27	0.647	1.545	22/34	2.67	6.37	2.96	7.06	3.15	7.51
17	0.867	1.154	26/30	3.57	4.75	3.96	5.27	4.21	5.60	43	0.640	1.563	16/25	2.64	6.44	2.93	7.14	3.11	7.59
17A	0.857	1.167	24/28	3.53	4.81	3.92	5.33	4.17	5.67	28	0.633	1.579	19/30	2.61	6.51	2.89	7.22	3.08	7.67
08A	0.852	1.174	23/27	3.51	4.84	3.89	5.37	4.14	5.70	28A	0.630	1.588	17/27	2.59	6.54	2.88	7.26	3.06	7.71
08	0.846	1.182	22/26	3.49	4.87	3.87	5.40	4.11	5.74	29	0.625	1.600	15/24	2.58	6.59	2.86	7.31	3.04	7.77
19	0.840	1.190	21/25	3.46	4.91	3.84	5.44	4.08	5.78	39	0.621	1.611	18/29	2.56	6.64	2.84	7.36	3.02	7.83
09A	0.833	1.200	25/30	3.43	4.94	3.81	5.48	4.05	5.83	30	0.615	1.625	16/26	2.54	6.70	2.81	7.43	2.99	7.89
09	0.826	1.211	19/23	3.40	4.99	3.78	5.53	4.02	5.88	40	0.613	1.632	19/31	2.53	6.72	2.80	7.46	2.98	7.93
11	0.815	1.227	22/27	3.36	5.06	3.72	5.61	3.96	5.96	41	0.607	1.647	17/28	2.50	6.81	2.76	7.53	2.95	8.00
03	0.806	1.240	25/31	3.32	5.11	3.69	5.67	3.92	6.02	31	0.600	1.667	21/35	2.47	6.87	2.74	7.62	2.92	8.10
13	0.800	1.250	20/25	3.30	5.15	3.66	5.71	3.89	6.07	33A	0.593	1.688	16/27	2.44	6.95	2.71	7.71	2.88	8.20
18	0.793	1.261	23/29	3.27	5.20	3.62	5.76	3.85	6.12	33	0.588	1.700	20/34	2.42	7.00	2.69	7.77	2.86	8.26
18A	0.786	1.273	22/28	3.24	5.24	3.59	5.82	3.82	6.18	31A	0.583	1.714	21/36	2.40	7.06	2.67	7.83	2.84	8.33
04A	0.783	1.278	18/23	3.22	5.26	3.58	5.84	3.80	6.21	30A	0.577	1.733	15/26	2.38	7.14	2.64	7.92	2.80	8.42
20A	0.778	1.286	21/27	3.20	5.30	3.55	5.88	3.78	6.25	50	0.571	1.750	20/35	2.35	7.21	2.61	8.00	2.78	8.50
04	0.774	1.292	24/31	3.19	5.32	3.54	5.90	3.76	6.27	51	0.567	1.765	17/30	2.34	7.27	2.59	8.07	2.75	8.57
20	0.769	1.300	20/26	3.17	5.36	3.52	5.94	3.74	6.31	52	0.563	1.778	18/32	2.32	7.32	2.57	8.12	2.73	8.64
22	0.760	1.316	19/25	3.13	5.42	3.47	6.01	3.69	6.39	53	0.559	1.789	19/34	2.30	7.37	2.55	8.18	2.72	8.69
16	0.750	1.333	18/24	3.09	5.49	3.43	6.09	3.65	6.48	54	0.556	1.800	15/27	2.29	7.42	2.54	8.23	2.70	8.74
10	0.739	1.353	17/23	3.05	5.57	3.38	6.18	3.59	6.57	55	0.552	1.813	16/29	2.27	7.47	2.52	8.28	2.68	8.80
10A	0.733	1.364	22/30	3.02	5.62	3.35	6.23	3.56	6.62	56	0.548	1.824	17/31	2.26	7.51	2.51	8.33	2.67	8.86
34A	0.727	1.375	16/22	3.00	5.67	3.32	6.28	3.54	6.68	57	0.533	1.875	16/30	2.20	7.73	2.44	8.57	2.59	9.11
34	0.724	1.381	21/29	2.97	5.69	3.31	6.31	3.52	6.71	58	0.531	1.882	17/32	2.19	7.76	2.43	8.60	2.58	9.14
14	0.719	1.391	23/32	2.96	5.73	3.29	6.36	3.49	6.76			1001					0.00	-100	0.14

10" SET-UP INSTRUCTIONS

DO NOT TORCH

350°F plus and heat treat is permanently lost. Localized hot spots cause permanent distortion and loss of critical alignments. Castings will "crack" if subjected to torching.



MAGNESIUM CAN BE IGNITED - EXERCISE CAUTION!

PREPARATORY TO INSTALLING PINION INTO CASE (CENTER SECTION)

1. Retain pinion nose bearing on to the pinion gear with fast dry thread lock to ensure the bearing does not fall off during installation into the center section.

2. Check and remove any nicks or burrs in the center section pinion bore. Make sure center is clean an free of chemicals or flammable materials.

3. Heat the "clean" center to 270°-300°F in an oven. DO NOT OVER HEAT as loss of heat treatment or distortion will occur.

<u>INSTALLING PINION INTO CASE</u>

Remove heated center section from the oven and lubricate the pinion bearing bores and bearings. Install "chilled" pinion, then use a urethane (soft) hammer to ensure the pinion is seated.

Install the lower shaft and bearings while the center is still hot. BE CAREFUL TO NOT BURN YOURSELF.

- 1. Lubricate all bearing bores.
- Start front ball bearing into case bore approximately 1/8".
 Install lower shaft through center section from rear to front
- into ball bearing.

4. Slide rear ball bearing over installed shaft and carefully tap rear bearing evenly into place. Pinion Spacer P/N 5020 and Pinion Retainer P/N 6269A should now be installed using (6) 3/8-16 x 1" HHCS P/N 7110 and torqued to 20-25 ft lbs.

NOTE: All bolts threaded into magnesium or aluminum should be treated with an anti-seize product.

5. Front ball bearing can now be evenly tapped into place. NOTE: The above assembly procedure is to ensure that bearings do not "cock" sideways in center section.



6. Front seal plate may now be installed and retaining bolts torqued to 20-25 ft lbs.

Allow assembled unit to cool to room temperature, 68°-72°F, before attempting to adjust pinion bearing preload.

10" SET-UP INSTRUCTIONS

TAPERED ROLLER BEARING PRELOAD

1. When adjusting pinion bearing posi-lock with new bearings, torque the posi nut to obtain 15-20 in lbs. (3-5 in lbs for REM[®] Bearings, 8-10 in lbs for used bearings) pinion bearing rotational preload. Lubricate o'ring in posi-lock retaining cap. Install retaining cap using finger pressure only. If it resists engagement, remove cap from pinion and rotate to next spline on 10 spline shaft and re-install. 10 splines equals 10 combinations...... try each spline for the best "no resistance" fit. All above preloads are set at 68°-72°F.

ANGULAR CONTACT BEARING PRELOAD

After pinion is installed and case has cooled down to room temperature (68°-72°F), torque the pinion nut to 80-100 ft lbs (approximate). Pinion preload is set. Lubricate o'ring in posi-lock retaining cap. Install retaining cap using finger pressure only. If it resists engagement, remove cap from pinion and rotate to next spline on 10 spline shaft and re-install.

CARRIER ASSEMBLY & RING GEAR

1. Adjusting carrier preload is next. Remove seals and o'rings from bells. DO NOT install ring gear onto carrier or spool as of yet.

2. Stand left side bell and tube vertically with bell up. Install checking bearing on ring gear end of carrier or spool (refer to page 9 for proper checking bearing).

3. Set carrier and bearing into left vertical bell.

4. Set center section assembly on bell, making sure center section is sitting flat against bell flange without bell seals and o'rings.

5. Install second checking bearing on carrier.

Whether using tapered roller bearings or angular contact bearings, side bell preload remains the same.

NOTE: Winters spools are manufactured to use approximately .080 shims for initial preload.

6. Right bell should now be put into position on top of center section. If bell flange has full contact with center section, shims should be added until right bell flange is held above center section approximately .015 for steel spool and steel Triple Track, .012 for Winters Track and Track Star, .010 for aluminum locker, and .007 for Winters aluminum spools and aluminum Triple Track. See Figure 1 on page 9 for carrier bearing preload "crush".

7. Now that proper shim pack thickness has be determined, the shim pack should be removed and set aside for step number 9.

8. Ring gear should now be installed on carrier or spool making sure contact surfaces are perfectly clean. Install all 12 bolts and torque nuts alternating in a crisscross pattern in steps to 35 ft lbs (60 ft lbs for threaded W/P type ring gear bolts using belleville washers). Loctite[®] adhesive should be used on these bolts.

9. Place one shim at a time under checking bearing on ring gear side of carrier. Placing carrier an ring gear assembly in left bell, set center section on left bell and check for ring gear/pinion backlash. Make sure adjustable ring gear pad in left bell is backed out far enough so that it does not make contact with the ring gear. (If you remove the wear pad completely DO NOT forget to replace it before tightening the thru bolts or complete rear will have to be disassembled to re-install the pad.) Carefully add shims until backlash has been removed. The remaining shims from the original shim pack should be installed on the opposite side of carrier. Put the right bell in place and bolt together. Check backlash. It should be between .004 and .006. If backlash is too much, shims from the right side must be moved to the left side. Once proper backlash is reached, the checking bearings can be removed and regular bearings installed, with shims in place.

10" SET-UP INSTRUCTIONS

CARRIER ASSEMBLY & RING GEAR CONTINUED

10. Install new side bell seals P/N 7205 and o'rings P/N 7403T (4 & 6 Rib Bells) or P/N 7403 (8 Rib Bells). Lubricate seals generously. Reassemble, install thrubolts, washers and nuts. Be sure to torque thrubolts in steps until a final torque of 35 ft lbs is reached using an alternating crisscross sequence. Spin the pinion over several times checking the backlash at several intervals. Backlash should be between .004 and .006. If backlash is not correct, the rear must be torn apart and the shims swapped from side to side until proper backlash is obtained. Tight spots are not acceptable.

11. Adjust ring gear wear pad by running wear pad in against the ring gear with force of 5 in lbs, then back of approximately 1/4 turn to obtain .008 to .010 clearance between ring gear and wear pad. Tighten jam nut on adjusting screw being careful not to turn adjusting screw any further.



NOTE: Assembly Temperature = 68°-72°F

COMMONLY USED REPLACEMENT PARTS

DESCRIPTION	SIZE	P/N	DESCRIPTION	SIZE	P/N
Carrier Bearing, Aluminum Carrier	2.031	7340	0.750 Front Yoke Seal, Low Drag, Viton		7204V
Checking Bearing, Angular Contact, Aluminum Carrier	2.031	7340ACB	Gear Cover Gasket, 10 Bolt		6729
Checking Bearing, Aluminum Carrier	2.031	5294	Gear Cover Gasket, 10 Bolt, Heavy Duty		6729HD
Carrier Shim Kit, Aluminum	2.031	5295	O'Ring, Bell, 4 & 6 Rib		7403T
Side Bell Seals		7205	O'Ring, Bell, 8 Rib		7403
Side Bell Seals, Low Drag, Viton		7283V	Winters Threaded Ring Gear Bolts w/ Washers, 12 ea.		7868
0.375 Front Yoke Seal		7204	Winters 80-90-140 Semi Synthetic Gear Oil w/ Moly		1730
0.750 Front Yoke Seal		7204T			



or angular contact bearings, side bell preload remains the same.



DIMENSIONAL DATA

When ordering tread width.... Your rear end assembly may be straight-up, meaning both tubes are the same length. Popular Dimensions Shown. All Dimensions Available.

2 1/2" GRAND NATIONAL 5 X 5



A	B	C	DOUBLE SPLINE AXLE LENGTH (W/SPOOL)	TUBE END TO END LENGTH (FOR REFERENCE ONLY)
65	23.938	27.438	33	26.500
63 1/4	23.062	26.562	32 1/8	25.625
62	22.437	25.937	31 1/2	25.000
61 3/4	22.312	25.812	31 3/8	24.875
60	21.437	24.937	30 1/2	24.000
59 1/2	21.188	24.688	30 1/4	23.750
58 1/2	20.688	24.188	29 3/4	23.250

27/8" PRO ELIMINATOR 5 X 5



			r lange te t lange	
А	В	C	DOUBLE SPLINE AXLE LENGTH (W/SPOOL)	TUBE END TO END LENGTH (FOR REFERENCE ONLY)
65	23.812	27.312	32	26.750
63 1/4	22.937	26.437	31 1/8	25.875
62	22.312	25.812	30 1/2	25.250
61 3/4	22.187	28.625	30 3/8	25.125
60	21.312	25.687	29 1/2	24.250
59 1/2	21.062	24.812	29 1/4	24.000
58 1/2	20.562	24.062	28 3/4	23.500

AXLE LENGTH FORMULAS



Lightweight Aluminum Locker

Right Axle = $\frac{\text{Flange to Flange}}{2}$ + 1.750" + Offset Left Axle = $\frac{\text{Flange to Flange}}{2}$ - 0.750" - Offset

Track Star

Right Axle = $\frac{\text{Flange to Flange}}{2}$ + 2.500" + Offset Left Axle = $\frac{\text{Flange to Flange}}{2}$ - 1.500" - Offset

> DOUBLE SPLINED AXLES Specify length when ordering. 5067 Solid, 31/24 Spline 50676 Gundrilled, 31/24 Spline

AXLE LENGTH FORMULAS

Spool, Aluminum Locker, Winters Track & Triple Track

 $Right Axle = \frac{Flange \text{ to } Flange}{2} + 0.500" + Offset$ $Left Axle = \frac{Flange \text{ to } Flange}{2} + 0.500" - Offset$

Lightweight Aluminum Locker



Track Star

Right Axle = $\frac{\text{Flange to Flange}}{2}$ + 2.500" + Offset Left Axle = $\frac{\text{Flange to Flange}}{2}$ - 1.500" - Offset

> DOUBLE SPLINED AXLES Specify length when ordering. 5067 Solid, 31/24 Spline 50676 Gundrilled, 31/24 Spline

BACKGROUND

Winters Performance Products, Inc., referred to herein as Winters, manufactures parts and equipment which are purchased by persons in various industries, who may install and use Winters parts and equipment in applications which may not be suitable for that Purchaser's intended purpose. Purchaser understands, recognizes and acknowledges that all parts and equipment manufactured or sold by Winters are exposed to many, varied and unforeseeable uses and conditions. As a consequence, Winters can make no promise, warranty, affirmation or representation as to the performance of its parts or equipment, nor does Winters make any description of the parts or equipment sold to Purchaser, nor does Winters make any description or affirmation of fact concerning any sample or model of parts or equipment except as specifically set forth in this Limited Warranty. As further consideration for Purchaser using Winters' parts or equipment, Purchaser acknowledges that, due to differing conditions and circumstances under which all parts and equipment are installed and used, Purchaser is not relying on Winters' skill and judgement to select or furnish the proper part or equipment. Purchaser expressly affirms that it is relying on its own expertise, skill, and judgement to select, purchase and install parts or equipment which are suitably safe and durable for their intended purpose. Purchaser assumes all risks associated with the performance of Winters parts.

LIMITED WARRANTY

Winters warrants to Purchaser that any part or equipment manufactured by Winters ("a Part") will conform to the description of such Part contained in the catalog most recently published by Winters prior to the time of sale of such part or equipment to Purchaser ("the Description"). WINTERS MAKES NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED WITH RESPECT TO ANY PART. WINTERS EXPRESSLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE OR PURPOSE AND EXPRESSLY DISCLAIMS ANY WARRANTY AS TO THE PERFORMANCE OF ANY PART. The liability of Winters for breach of the foregoing warranty is limited to repair or replacement of any Part determined to fail to conform to its Description prior to installation and use. The burden of establishing that any Part fails to conform to its Description shall be upon Purchaser. In order to be entitled to repair or replacement of any Part, Purchaser must (i) inspect the part upon receipt; and (ii) notify Winters in writing of the defect PRIOR TO INSTALLATION OF THE PART. In no event shall Winters SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES (INCLUDING BUT NOT LIMITED TO LOST PROFITS) OR FOR LOSS OR DAMAGE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF A PART. Every claim under this Limited Warranty shall be deemed waived unless made in writing within ninety (90) days of delivery of the Part by Winters to Purchaser. Purchaser acknowledges that, due to the multiple uses of Parts, it is impossible for Winters to predict the performance of any Parts once installed or the suitability of any Parts for any particular use. Purchaser acknowledges its obligation to inform all users (customers) of the above disclaimer.

INDEMNITY AGAINST THIRD PARTY CLAIMS

PURCHASER HEREBY AGREES TO INDEMNIFY AND HOLD HARMLESS WINTERS FROM AND AGAINST ANY AND ALL CLAIMS, LIABILITY, LOSS AND DAMAGES, INCLUDING ATTORNEYS FEES, MADE BY ANY THIRD PARTY AGAINST WINTERS RELATING TO A PART OR THE USE OF ANY PART. Purchaser understands and agrees that no officer, director, employee or agent of Winters (including but not limited to any vendor, dealer or distributor) has any authority to make any statements contrary to the terms of this Limited Warranty. Winters specifically disavows any statements contrary to what is written above.

CHOICE OF LAW/VENUE

This Limited Warranty shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania. Any legal action which may arise as a result of disputes, controversies, or claims arising out of or related to this Limited Warranty or the purchase or use of any Part shall be litigated exclusively in the Court of Common Pleas of York County, Pennsylvania or the United States District Court for the Middle District of Pennsylvania.

MISCELLANEOUS

This writing constitutes the full, complete and final statement of Winters' Limited Warranty for Parts. All prior oral and written correspondence, test data, negotiations, representations, understandings and the like regarding Parts are merged in this writing and extinguished by it. This Limited Warranty may not be altered, amended, extended or modified except by a writing signed by the President or Vice President of Winters. Winters' failure at any time to enforce any of the terms and conditions stated herein shall not constitute a waiver of any of the provisions herein. This Limited Warranty shall not be assigned by Purchaser. Winters' responsibility for merchandise shipped via common carrier ceases upon delivering the order to the carrier. Winters is not responsible for merchandise lost or damaged in transit. Purchaser must file a claim with the delivery carrier for merchandise lost or damaged during transit. Winters will assist Purchaser by supplying any information necessary for submission of a claim. It is the responsibility of the Purchaser to comply with all laws and regulations, Federal, State and Local, governing resale of products sold by Winters. NSF Charge: \$38.00 per returned check/payment. Repayments must be made by cashier check or money order.

On request, all parts in Winters Performance Products, Inc. inventory and/or catalog are available in super strength heat treated steel (300,000/350,000 P.S.I. tensile strength) at extra cost and special order. Refer to machinery handbook for strengths of other materials.

RACING IS A DANGEROUS SPORT THAT CAN RESULT IN SERIOUS INJURY OR DEATH. THE ULTIMATE RESPONSIBILITY FOR PARTICIPANT AND VEHICLE SAFETY LIES WITH THE PARTICIPANT.

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