

Welcome to the **SONNAX® POWER TRAIN SAVERS ONLINE CATALOG**

This catalog lists Power Train Savers and torque fuses that cover a range of applications from rock crawlers to Class 8 trucks. The Light Duty Series units are used with sand rails, rock crawlers, pumps, PTO applications; the Medium Duty units are used with 3", 3-1/2" and 4" driveshafts, typically used on single axle, light and medium duty trucks. The Heavy Duty units are for larger Class 6, 7 and 8 multi-axle trucks.

For each Power Train Savers Series, the catalog includes the following information: driveline series, tube diameter and wall thickness, PTS unit part number along with a chart recommending specific torque fuses for use with that unit. Each PTS unit requires a set of 3 fuse links. The torque fuse recommendations in the catalog list fuse choices for your specific driveline. These recommendations allow buyers to choose fuse shear points based on the capacity of the driveline series and driveshaft tube. Separate Torque Fuse charts for each Power Train Savers Series (Light, Medium and Heavy Duty) list torque fuse part number, identifying code stamped onto the fuse, and ft. lbs. of torque capacity. Your Sonnax sales representative can help you with torque fuse recommendations, especially if differential protection is your primary concern.

Ask your sales representative about bolt-in flanged units for industrial and marine usage, custom build options designed to meet your needs as well as heavy duty bearing-type units for unmanned applications. In addition, Sonnax is developing a towing disconnect coupler for heavy duty trucks.

To contact your Sonnax sales representative with questions or for more information on these or any PTS application, email ptsmail@sonnax.com or call either 1-800-843-2600 or 1-802-463-0321.

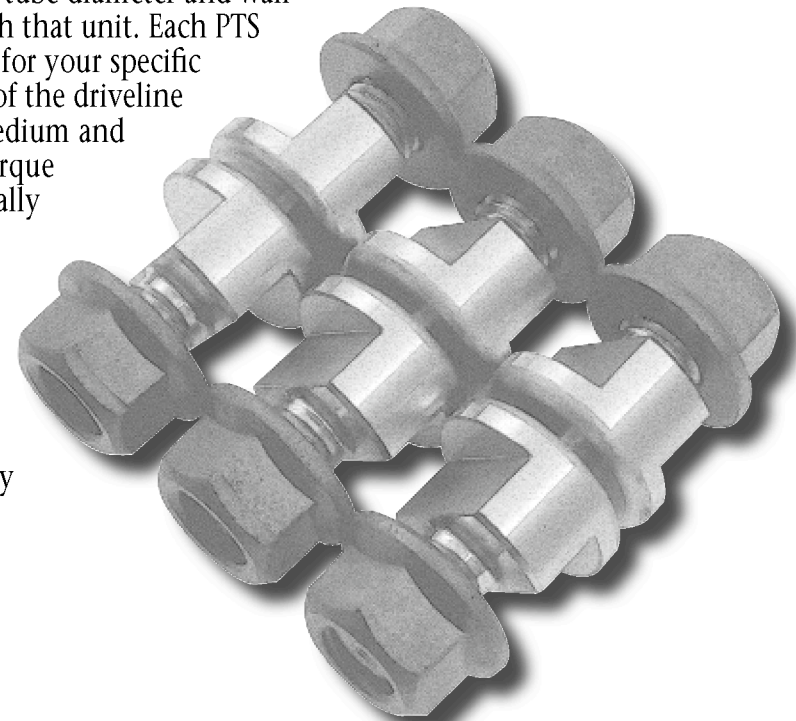
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Light Duty Series (fit 2" and 2½" driveshafts)

Medium Duty Series (fit 3", 3½" and 4" driveshafts)

Heavy Duty Series (for multi-axle, Class 6, 7 and 8 trucks)



sonnax®
POWER TRAIN SAVERS

Light Duty Series: Fit 2" & 2-1/2" driveshafts

Typically used for enthusiast or recreational vehicle applications (rock crawlers, sand rails, etc.) or for industrial/agricultural uses such as pumps or PTO applications

*Standard protection is the recommended starting point for most applications. Basic Protection uses driveshaft torque capacity as a protection level target. Maximum Protection aims at protecting weaker components such as differentials or gear boxes.

Driveline Series	Tube Size O.D. x Wall Thickness (inches)	Sonnax Part Number	Fuse ID Code and Torque Capacity Options					
			Maximum Protection		*Standard Protection		Basic Protection	
1310, 7260, 3R	2.00 x .083	20083B	1E	1,500	1F	1,750	1G	2,000
1310, 1330, 1350, 7260, 3R	2.00 x .120	20120B	1H	2,250	1I	2,500	1J	2,750
1310, 1330, 1350, 7260, 7290, 3R	2.50 x .083	25083B	1J	2,750	1K	3,000	1L	3,250
1410	2.50 x .095	25095B	1K	3,000	1L	3,250	1M	3,500
1310	2.50 x .120	25120B	1O	4,000	1P	4,250	1Q	4,500

Each Torque Fuse Set Contains 3 Torque Fuse Links

Light Duty Series Torque Fuse Chart 1,500 - 4,500 ft. lbs. torque capacity					
Torque Fuse Set Number	ID Stamp	Torque Capacity (ft./lbs.)		Torque Fuse Set Number	Torque Capacity (ft./lbs.)
1500	1E	1,500		3000	3,000
1750	1F	1,750		3250	3,250
2000	1G	2,000		3500	3,500
2250	1H	2,250		3750	3,750
2500	1I	2,500		4000	4,000
2750	1J	2,750		4250	4,250
				4500	4,500

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Medium Duty Series: Fit 3", 3-1/2" & 4" driveshafts
Typically used on single axle, light and medium duty trucks

*Standard protection is the recommended starting point for most applications. Basic Protection uses driveshaft torque capacity as a protection level target. Maximum Protection aims at protecting weaker components such as differentials or gear boxes.

Driveline Series	Tube Size O.D. x Wall Thickness (inches)	Sonnax Part Number (Bushing Style)	Fuse ID Code and Torque Capacity Options			
			Maximum Protection	*Standard Protection	Basic Protection	
1310	3.00 x .083	30083	3 3,500	4 4,000	5	4,500
1330	3.50 x .083	35083	4 4,000	5 4,500	6	5,000
1330	4.00 x .083	40083	4 4,000	5 4,500	6	5,000
1350	3.00 x .083	30083	3 3,500	4 4,000	5	4,500
1350	3.50 x .083	35083	4 4,000	5 4,500	6	5,000
1350	4.00 x .083	40083	4 4,000	5 4,500	6	5,000
1410	3.00 x .083	30083	3 3,500	4 4,000	5	4,500
1410	3.50 x .083	35083	6 5,000	7 5,500	8	6,000
1410	4.00 x .083	40083	6 5,000	7 5,500	8	6,000
1480	3.50 x .083	35083	7 5,500	8 6,000	9	6,500
1480	4.00 x .083	40083	8 6,000	9 6,500	10	7,000
1550	3.50 x .095	35095	10 7,000	11 7,500	12	8,000
1550	4.00 x .083	40083	10 7,000	11 7,500	12	8,000
1550	4.00 x .180	40180	call Sonnax for 40180 fuse recommendations			

Each Torque Fuse Set Contains 3 Torque Fuse Links

Medium Duty Series Torque Fuse Chart 2,000 - 8,500 ft.lbs. torque capacity						
Torque Fuse Set Number	ID Stamp	Torque Capacity (ft./lbs.)		Torque Fuse Set Number	ID Stamp	Torque Capacity (ft./lbs.)
0020	0	2,000		0055	7	5,500
0025	1	2,500		0060	8	6,000
0030	2	3,000		0065	9	6,500
0035	3	3,500		0070	10	7,000
0040	4	4,000		0075	11	7,500
0045	5	4,500		0080	12	8,000
0050	6	5,000		0085	13	8,500

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Heavy Duty Series

Primarily used on multi-axle, Class 6, 7 & 8 trucks

*Standard protection is the recommended starting point for most applications. Basic Protection uses driveshaft torque capacity as a protection level target. Maximum Protection aims at protecting weaker components such as differentials or gear boxes.

Driveline Series	Tube Size O.D. x Wall Thickness (inches)	Sonnax Part Number (Bushing Style)	Fuse ID Code and Torque Capacity Options		
			Maximum Protection	*Standard Protection	Basic Protection
1550	4.00 x .095	15095	F 5,500	G 6,500	H 7,500
1610	3.50 x .134	16134	H 7,500	I 8,500	J 9,500
1610 & 1710	4.00 x .134	17180	K 10,500	L 11,500	M 12,500
1710	4.00 x .180	17180	O 14,500	P 15,500	Q 16,500
1760	4.00 x .180	17180	P 15,500	Q 16,500	R 17,500
1810	4.50 x .134	18134	P 15,500	Q 16,500	R 17,500
1810	4.59 x .180	18134	T 19,500	U 20,500	V 21,500
1810	4.50 x .259	18259	T 19,500	U 20,500	V 21,500
1880	4.50 x .259	18259	X 23,500	Y 24,500	Z 25,500
SPL™ 140	4.21 x .138	SP138	M 12,500	N 13,500	O 14,500
SPL™ 170	4.96 x .120	SP165	P 15,500	Q 16,500	R 17,500
SPL™ 170	4.72 x .197	SP197	R 17,500	S 18,500	T 19,500
SPL™ 250	5.06 x .165	SP165	U 20,500	V 21,500	W 22,500

SPL is a registered trademark of Dana Corporation

Each Torque Fuse Set Contains 3 Torque Fuse Links

Heavy Duty Series Torque Fuse Chart 5,500 - 25,500 ft.lbs. torque capacity						
Torque Fuse Set Number	ID Stamp	Torque Capacity (ft./lbs.)		Torque Fuse Set Number	ID Stamp	Torque Capacity (ft./lbs.)
1005	F	5,500		1016	Q	16,500
1006	G	6,500		1017	R	17,500
1007	H	7,500		1018	S	18,500
1008	I	8,500		1019	T	19,500
1009	J	9,500		1020	U	20,500
1010	K	10,500		1021	V	21,500
1011	L	11,500		1022	W	22,500
1012	M	12,500		1023	X	23,500
1013	N	13,500		1024	Y	24,500
1014	O	14,500		1025	Z	25,500
1015	P	15,500				