



SERVICE BULLETIN

SP2017-003
 Revision 0
 April 10, 2017

Before performing any service always follow applicable safety precautions.

Drive System: Rotisserie Wheel Bushings, QD Gears and Gear Locks, Pulleys, and Sprocket Specifications

Affected Products: All models.
Affected Serial Range: N/A
Related Issue #: N/A

Issue Description:

The specifications for rotisserie wheel bushings, QD gears and gear locks, pulleys, and sprockets.

Actions Required:

Rotisserie Wheel Bushings:

Part Number	Description	Bore Size	Bolt Size (Chrome Pltd)	Key Stock Size
312007	Bushing	1 3/16"	(4)1/4-20 x 1 1/4" Gr 8 (2)1/4-20 x 1/2" Gr 8*	1/4" Woodruff
Applications:		BBR 79-1, SPK-280, SPK-500, SPK-700, XLR-600		
312009	Bushing	1"	(4)1/4-20 x 1 1/4" Gr 8 (2)1/4-20 x 1/2" Gr 8*	1/4" Woodruff
Applications:		MLR-150, OT-300, SPX-300, SPX-500		
312010	Bushing	2"	(4)5/16-18 x 1 1/2" Gr 8 (2)5/16-18 x 3/4" Gr 8*	1/2" x 7/16" x 1 1/4"
Applications:		BBR-700, XLR-1000, XLR-1400, XLR-1600-4		
312011	Bushing	1 1/2"	(4)5/16-18 x 1 1/2" Gr 8 (2)5/16-18 x 3/4" Gr 8*	3/8" Woodruff
Applications:		MLR-850, SP-700, SP-750, SP(K)-1000		

* Earlier models only had 4 bolt holes in the rotisserie wheels.

QD Gears and Gear Locks:

Part Number	Description	Bore Size	Set Screw Size	Key Stock Size
354002	Small Gear	7/8"	1/4-20 x 1/4"	3/16" x 3/16" x 1 3/4"
	Applications:	BBR 79-1, SPK-280, SPK-500 (S/N 7000-9652), XLR-600		
354008	Small Gear	1 1/8"	1/4-20 x 1/4"	1/4" x 1/4" x 2 1/2"
	Applications:	BBR-700, SPK-700, XLR-1000, XLR-1400, XLR-1600-4 (w/12" wide product racks)		
354005	Gear Lock	1 3/16"		1/4" Woodruff
	Applications:	SPK-280, SPK-500 (S/N 7000-9652), SPK-700		
354013	Gear Lock	2"		1/2" x 1/2" x 3"
	Applications:	BBR-700, XLR-1000, XLR-1400, XLR-1600-4 (w/12" wide racks)		

Pulleys:

Part Number	Description	Bore Size	Set Screw Size	Key Stock Size
362001	Small Pulley	5/8"	5/16-18 x 3/8"	3/16" x 3/16" x 1 3/8"
	Applications:	BBR 79-1, SPK-280, SPK-500 (S/N 7000-9652), XLR-600		
363001	Large Pulley	5/8"	5/16-18 x 3/8"	3/16" x 3/16" x 1 1/4"
	Applications:	BBR 79-1, SPK-280, SPK-500 (S/N 7000-9652), XLR-600		
362003	Small Pulley	5/8"	5/16-18 x 1/4"	3/16" x 3/16" x 1 3/8"
	Applications:	BBR-700, SPK-700, XLR-1000, XLR-1400, XLR-1600-4 (w/12" wide product racks)		
363002	Large Pulley	3/4"	5/16-18 x 3/8"	3/16" x 3/16" x 7/8"
	Applications:	BBR-700, SPK-700, XLR-1000, XLR-1400, XLR-1600-4 (w/12" wide product racks)		
542001	Fan Motor Drive Pulley	5/8"	5/16-18 x 3/8"	3/16" x 3/16" x 7/8"
	Applications:	SP-750, SP(K)-1000 (S/N prior to K1000245 (approx.))		
542002	Fan Mtr Driven Pulley	3/4"	5/16-18 x 1/4"	3/16" x 3/16" x 7/8"
	Applications:	SP-750, SP(K)-1000 (S/N prior to K1000245 (approx.))		

Sprockets:

Part Number	Description	Bore Size	Set Screw Size	Key Stock Size
372001	Small Sprocket	1/2"	10-24 x 3/16"	5/32" x 5/32" x 1"
	Applications:	Rolltisserie, MLR-150		
372002	Large Sprocket	1"	5/16-18 x 5/16"	1/4" Woodruff
	Applications:	Rolltisserie, MLR-150		
372003	Gearbox Sprocket	3/4"	5/16-18 x 5/16"	1/4" x 1/4" x 1"
	Applications:	SPK-280 (S/N 3000-3050 (approx)), SPK-500 (S/N 7000-7230 (approx.))		
372004	Small Sprocket	1"	5/16-18 x 5/16"	1/4" x 1/4" x 1"
	Applications:	Use with conversion gearbox 352007		
372005	Small Sprocket	1 3/16"	5/16-18 x 5/16"	1/4" x 1/4" x 1"
	Applications:	SPK-280 (S/N 3000-3050 (approx)), SPK-500 (S/N 7000-7230 (approx.))		
372008	Small Sprocket	3/4"	1/4-20 x 1/4"	3/16" x 3/16" x 1"
	Applications:	OT-300, SPX-300, SPK-500 (S/N K500001 to Present)		
372009	Small Sprocket	3/4"	1/4-20 x 1/2"	3/16" x 3/16" x 1"
	Applications:	MLR-850, SP-700, SP-750, SP(K)-1000		
372011	Large Sprocket	1 3/16"	5/16-18 x 1/2"	1/4" Woodruff
	Applications:	SPK-500 (S/N K500001 to Present)		
372012	Large Sprocket	1"	5/16-18 x 1/2"	1/4" Woodruff
	Applications:	OT-300, SPX-300		
372013	Large Sprocket	1 1/2"	3/8-16 x 1/2"	3/8" Woodruff
	Applications:	MLR-850, SP-700, SP-750, SP(K)-1000		

Additional Comments:**Secondary Distribution:**

Service technicians within the Distributor's organization.
Service companies.

For Additional Information:

Southern Pride Technical Service: (800) 437-2679