



Model: 01-1188-0010
Towbar
Shorts SD330 & SD360

Parts List
With
Illustrations

06/2002 - AA - Rev. 02

**** When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit.****

Tronair, Inc.

*1740 Eber Road
Holland, Ohio 43528-9794
USA*

Telephone: (419) 866-6301 • 800-426-6301

Fax: (419) 867-0634

Web Site: www.tronair.com E-mail: mail@tronair.com

Model: 01-1188-0010
Shorts SD330 & SD362 Towbar

Parts List

Reference Parts List Illustrations on Pages 5 & 6.

REPLACEMENT PARTS

ITEM	PART NUMBER	DESCRIPTION	QTY
4	Z-4498-01	Weldment, Towbar	1
33	B-019-03	Sleeve, Center	1

All other parts available in Replacement Parts only.

REPLACEMENT KITS

PART NUMBER	DESCRIPTION	QTY
K-1112	Kit, Wheel (Single) Replacement; consists of:	
- Item 20	U-1024 Wheel, Pneumatic Tire	1
- Item 21	G-1250-1100N Flatwasher, 5/8 Narrow	1
- Item 22	G-1203-1105 Jamnut, 5/8-18 Elastic	1
> -1114	Kit, Caster Replacement; consists of:	
- Item 11	U-1000 Caster	2
- Item 12	G-1100-105004 Bolt, Hex Head, Grade 5, 1/4-20 x 1/2" long	8
- Item 25	G-1250-1050N Flatwasher, 1/4 Narrow	8
K-1115	Kit, Shock Bolt Replacement; consists of :	
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
K-1129	Kit, Sliding Pin Replacement; consists of:	
- Item 48	B-108 Pin, Sliding	1
- Item 49	G-1300-19040 Pin, Roll 3/16" diameter x 1/2" long	1
K-1308	Kit, Ball Lok-T Pin Replacement; consists of:	
- Item 45	G-1310-0415 Pin, Ball Lok-T	1
- Item 46	H-1026*07.0 Assembly, Lanyard	1
- Item 47	G-1351-04 Rivet, 1/8 Open-End Steel	1
K-1433	Kit, Shear Bolt Replacement; consists of:	
- Item 26	G-1110-3-22A Bolt, AN Steel	1
- Item 27	G-1202-1035 Stopnut, #10-32 Elastic	1

Replacement Kits List continued on following page.

> Use Loctite 271 or equivalent during reassembly.

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REPLACEMENT KITS

PART NUMBER	DESCRIPTION	QTY
K-1449	Kit, Head Sub-Assembly Replacement; consists of:	
- Item 36	G-1155-109216 Screw, 1/2-13, Hex Socket Head Shoulder, 5/8" diameter x 1-3/4" long	1
- Item 37	G-1110-5-22A Bolt, AN Steel	1
- Item 40	Z-2067-01 Machining, Stress Plate	1
- Item 41	G-1250-1100N Flatwasher 5/8 Narrow	2
- Item 42	G-1202-1090 Stopnut, 1/2-13 Elastic	1
- Item 43	G-1202-1065 Stopnut, 5/16-24 Elastic	1
- Item 44	Z-1458 Weldment, Head	1
K-1450	Kit, Shear Bolt Replacement; consists of:	
- Item 37	G-1110-5-22A Bolt, AN Steel	1
- Item 43	G-1202-1065 Stopnut, 5/16-24 Elastic	1
K-1522	Kit, Shock Replacement; consists of:	
- Item 1	Z-1455 Assembly, Shock/Shear	1
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
K-1525	Kit, Spring Replacement; consists of:	
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
- Item 31	B-013 Spring	2
- Item 32	G-1013-06 Pin, Driv-Lok Groove	1
K-1526	Kit, Sleeve Replacement; consists of:	
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
- Item 30	B-018-02 Sleeve, Outer	1
- Item 32	G-1013-06 Pin, Driv-Lok Groove	1
- Item 35	B-017-02 Sleeve, Inner	1
K-1533	Kit, Shear Tube Replacement; consists of:	
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
- Item 26	G-1110-3-22A Bolt, AN Steel	1
- Item 27	G-1202-1035 Stopnut, #10-32 Elastic	1
- Item 29	TR-1118-04 Tube, Outer Shear	1
- Item 32	G-1013-06 Pin, Driv-Lok Groove	1

Replacement Kits List continued on following page.

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Reference Parts List Illustrations on Pages 5 & 6.

REPLACEMENT KITS

PART NUMBER	DESCRIPTION	QTY
K-1544	Kit, Eyebolt Replacement; consists of:	
- Item 2	G-1420-106006 Bolt, Hex Head, Grade 8, 5/16-18 x 3/4" long	8
- Item 3	G-1251-1060R Lockwasher, 5/16 Regular	8
- Item 26	G-1110-3-22A Bolt, AN Steel	1
- Item 27	G-1202-1035 Stopnut, #10-32 Elastic	1
- Item 28	Z-1453-04 Machining, Eyebolt	1
- Item 32	G-1013-06 Pin, Driv-Lok Groove	1
K-1594	Kit, Head Assembly Replacement; consists of:	
- Item 5	G-1100-109544 Bolt, Hex Head, Grade 5, 1/2-20 x 4-1/2" long	1
- Item 6	G-1250-1090N Flatwasher, 1/2 Narrow	1
- Item 7	G-1203-1095 Stopnut, 1/2-20 Elastic	1
- Item 9	X-1022 Assembly, Head	1
- Item 50	V-1003 Label, Serial Number	1
K-1609	Kit, Bushing (Set) Replacement; consists of:	
- Item 38	H-1724-04 Bushing, Head Press Fit	2
- Item 39	H-1725-02 Bushing, Headless	1
K-1949	Kit, Pivot Bolt Replacement; consists of:	
- Item 36	G-1155-109216 Screw, 1/2-13 Hex Socket Head Shoulder, 5/8" diameter x 1-3/4" long	1
- Item 41	G-1250-1100N Flatwasher, 5/8 Narrow	2
- Item 42	G-1202-1090 Stopnut, 1/2-13 Elastic	1
K-2795	Kit, Axle Replacement; consists of:	
- Item 14	G-1202-1055 Stopnut, 1/4-28 Elastic	3
- Item 19	TR-1583 Spacer, Wheel	2
- Item 21	G-1250-1100N Flatwasher, 5/8 Narrow	2
- Item 22	G-1203-1105 Stopnut, 5/8-18 Elastic	2
- Item 23	Z-1443-01 Weldment, Axle	1
- Item 24	G-1100-105512 Bolt, Hex Head, Grade 5, 1/4-28 x 1-1/4" long	3
- Item 25	G-1250-1050N Flatwasher, 1/4 Narrow	3

Replacement Kits List continued on following page.

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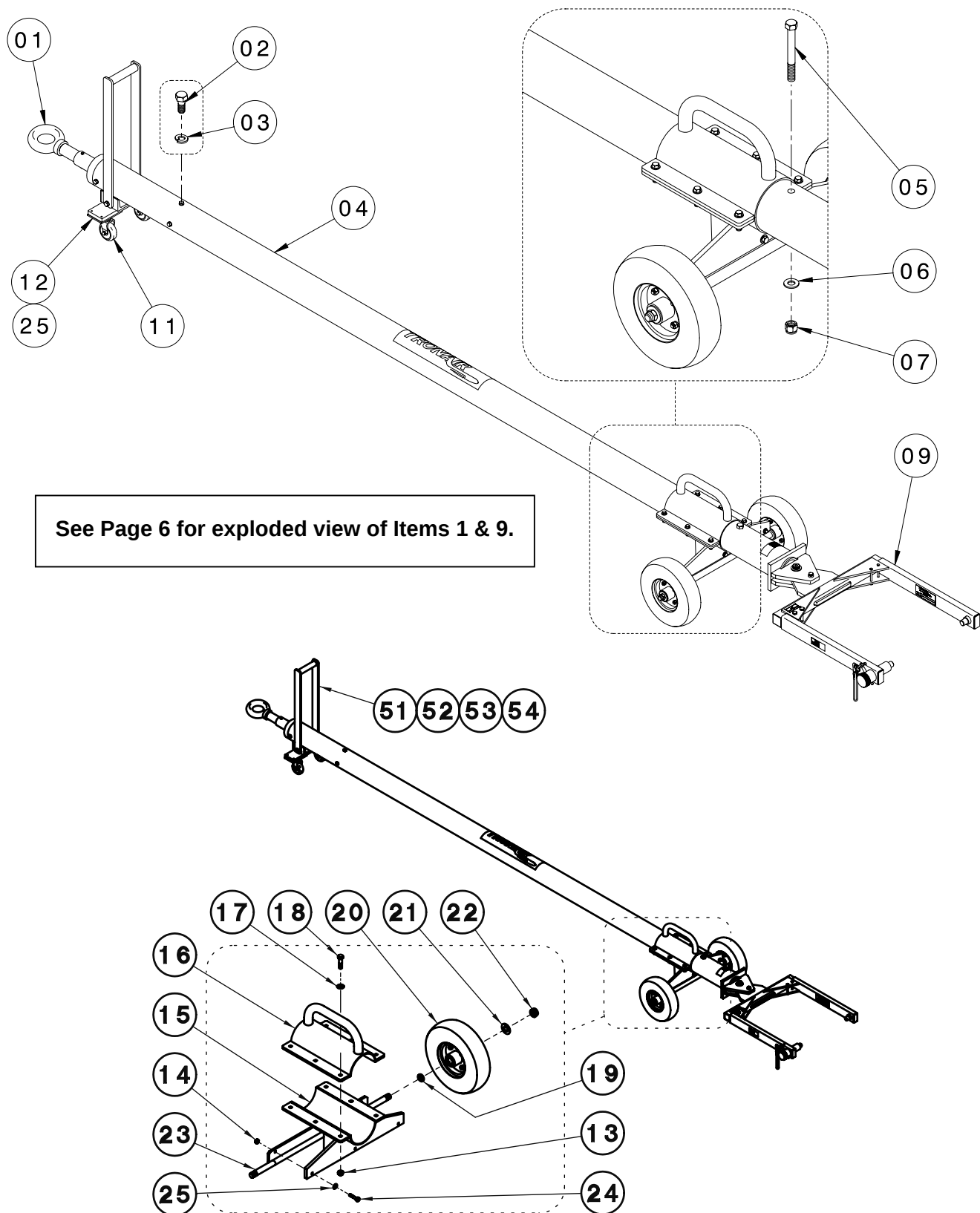
Reference Parts List Illustrations on Pages 5 & 6.

REPLACEMENT KITS

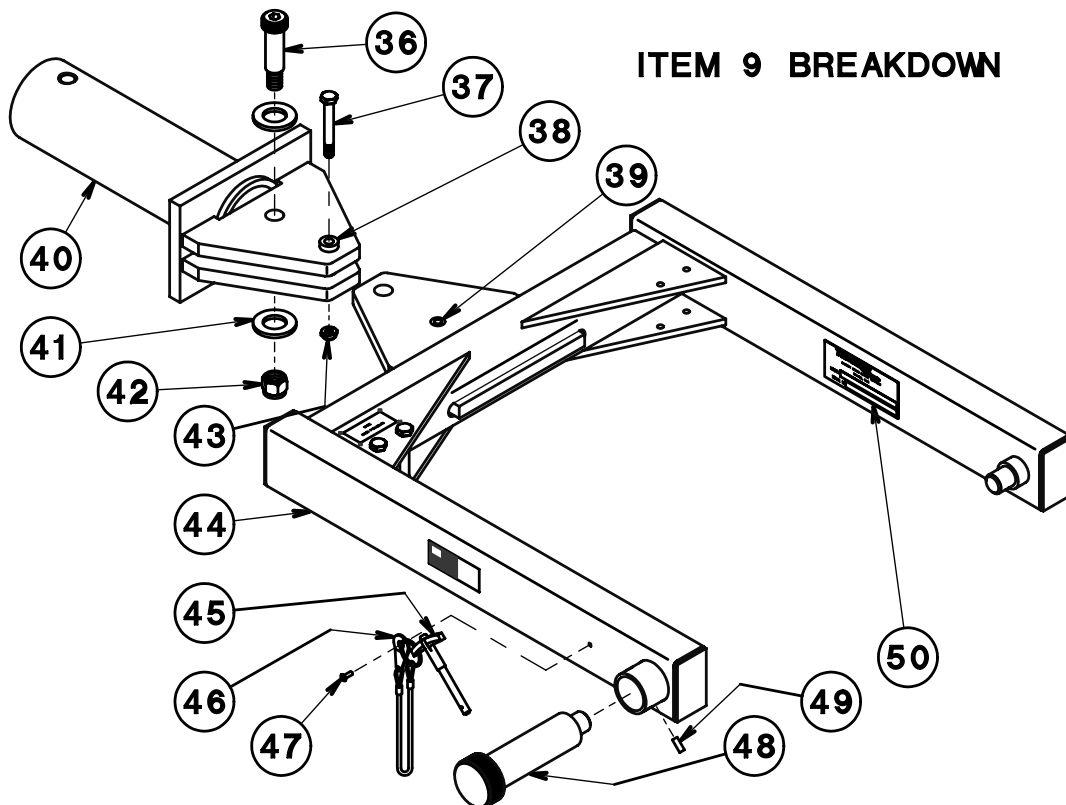
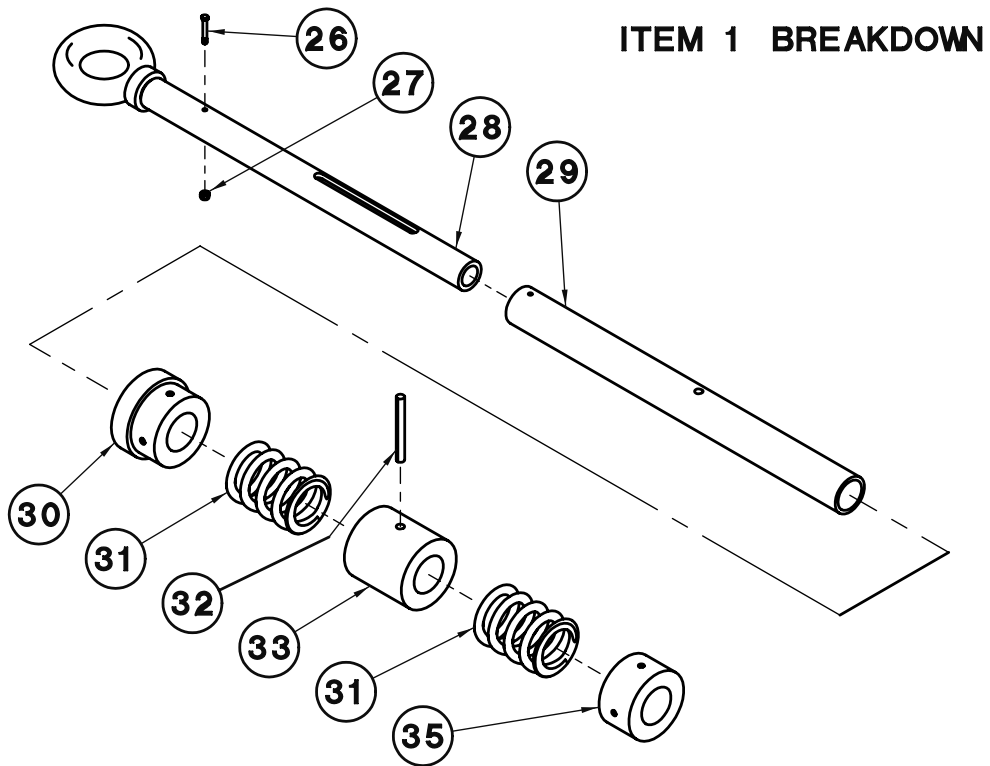
PART NUMBER		DESCRIPTION	QTY
K-2796		Kit, Wheel Bracket Replacement; consists of:	
- Item	13	G-1202-1075 Stopnut, 3/8-24 Elastic	6
- Item	14	G-1202-1055 Stopnut, 1/4-28 Elastic	3
- Item	15	Z-1439-01 Weldment, Wheel Bracket	1
		Z-1495 Assembly, Movable Wheel Bracket;	
		<i>consists of the following:</i>	
- Item	16	Z-1855-01 Weldment, Axle Mounting Bracket (Upper)	1
- Item	17	G-1250-1070N Flatwasher, 3/8 Narrow	6
- Item	18	G-1100-107514 Bolt, Hex Head, Grade 5, 3/8-24 x 1-1/2" long	6
- Item	19	TR-1583 Spacer, Wheel	2
- Item	21	G-1250-1100N Flatwasher, 5/8 Narrow	2
- Item	22	G-1203-1105 Stopnut, 5/8-18 Elastic	2
- Item	23	Z-1443-01 Weldment, Axle Mounting Bracket	1
- Item	24	G-1100-107512 Bolt, Hex Head, Grade 5, 1/4-28 x 1-1/4" long	3
- Item	25	G-1250-1050N Flatwasher, 1-1/4 Narrow	3
K-3153		Kit, Handle Replacement; consists of:	
- Item	51	Z-3478-01 Weldment, Handle	1
- Item	52	G-1100-107012 Bolt, Hex Head, Grade 5, 3/8-16 x 1-1/4" long	2
	or	G-1100-107512 Bolt, Hex Head, Grade 5, 3/8-24 x 1-1/4" long	2
- Item	53	G-1251-1070R Lockwasher, 3/8 Regular	2
- Item	54	TR-1699 Spacer	2

- Towbars purchased during 2001 and after will use the coarse thread bolts, otherwise use the fine thread bolts.

Parts List Illustrations



Parts List Illustrations



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