

## ZEON-8 MULTI-MOUNT WINCH

Part Number: 90260

Rated Line Pull: 8000 lbs. (3629 kgs)

Motor: 12V DC, Series Wound

Controls: Remote switch, 12' (3.7m) Lead

Gear train: 3-Stage Planetary

Gear Ratio: 162:1

Clutch (Freespool): Rotating Ring Gear

Brake: Automatic Direct Drive Cone

Drum diameter/length: 3.15"/9.3" (8.0 cm/23.6 cm)

Kit Shipping Weight: 118 lbs (53.5 kgs)

**Rope:** Wire rope, Ø 5/16" x 100' (Ø 8mm x 30.5m)

Fairlead: Hawse

Recommended Battery: 650CCA Minimum for winching

Duty Cycle: Intermittent

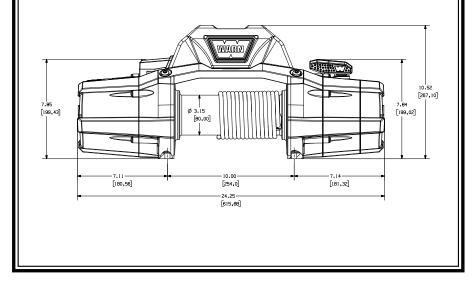
Battery leads: 2 GA, 90" (2.2m)

Finish: Black Powder Coat

Warranty: Limited Lifetime

**Mounting Bolt Pattern:** 10.0" x 4.5" (254mm x 114.3mm)

**Winch Dimensions:** 24.25 L x 7.14" D x 10.52" H (615.9mm L x 181.6mm D x 267.1mmH)



## SERVICE INSTRUCTIONS

Should you encounter a problem during installation or operation of your winch, please follow these steps toward resolving the problem:

- 1. Refer to your operator's guide and installation instructions. It has illustrations and detailed information on the installation and safe and proper operation of your winch. It also includes a replacement parts list and assembly diagrams. If you are unable to resolve the problem, then go to step 2.
- 2. Contact your dealer where you purchased your winch. If, after discussing the problem with their parts and service staff, you are still unable to resolve the problem then go to step 3.
- 3. Call an Authorized WARN Service center from the list provided on the back of the warranty sheet included with the product. When calling, please have the following information available: winch model number and purchase date, make, model and year of vehicle.

## SERVICE/UPGRADE KITS

	PN#	ITEM	QTY	DESCRIPTION
KIT 1	89302			S/P, TRANSMISSION 162, ASSY
		8	1	ROTATING RING GEAR
		9	1	RETAINING RING
		(2)	1	S/P, END HOUSING, ASSEMBLY
		(3)	1	S/P, END CAP
		(4)	1	S/P, DRUM SUPPORT, GEARTRAIN
		10	1	SUN GEAR, 12T
		11	1	CARRIER ASSY, STAGE 1
		21	1	DRIVE SHAFT
		12	1	CARRIER ASSY, STAGE 2
		13	1	WASHER, THRUST
		14	1	CARRIER ASSY, STAGE 3
		15	1	RING GEAR, 75T
		20	1	DRIVE SPLINE
		43	1	DRUM DRIVER
KIT 2	89237			S/P, END HOUSING, ASSEMBLY
		6	1	CLUTCH LEVER
		5	1	SEAL, O-RING
		7	1	DETENT, M5 SCREW
		8	1	ROTATING RING GEAR
		9	1	RETAINING RING
		2	1	GASKET, END CAP
		6	1	GEARTRAIN GASKET
		3	10	TORX, PAN HEAD, M5-0.8 x 25

KIT 3	89238			S/P, END CAP	
141.5	07200	1	1	END CAP	
		2	1	GASKET, END CAP	
		3	5	TORX, PAN HEAD, M5-0.8 x 25	
KIT 4	89239		1	S/P, DRUM SUPPORT, GEARTRAIN	
		17	1	DRUM SUPPORT, GEARTRAIN	
		18	1	DRUM BUSHING	
		19	1	DRUM SEAL	
		16	1	GEARTRAIN GASKET	
		3	5	TORX, PAN HEAD, M5-0.8 x 25	
KIT 5	89240			S/P, BRAKE ASSY	
		22	1	BRAKE ASSY	
		21	1	DRIVE SHAFT	
		23	1	CASTING, MOTOR COUPLER	
		24	1	DRUM	
		24	I	DROM	
	00001				
KIT 6	89931			S/P, MOTOR 3 TURN	
		27	1	MOTOR 3 TURN	
		25	1	DRUM BUSHING, MOTOR	
		19	1	DRUM SEAL	
KIT 7	90364			S/P, COFFRET DE COMMANDE, 2GA	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	30	1	S/P PLAQUE CONTACTEUR 12 V CC	
		28	1	S/P, COUVERCLE COFFRET DE COMMANDE	
		26	1	CÂBLE 2GA ALIMENTATION, 2,2m	
		37	1	CÂBLE 2GA ALIMENTATION, 71cm	
KIT 8	89627			S/P BUS BARS	
	09027			5/1 005 DANS	
	09027	33	1		
	89027	33 35	1 1	BUS BARS	
	09027	35	1	BUS BARS TOP, BUSS BAR COVER	
	89027	35 34	1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER	
		35	1	BUS BARS TOP, BUSS BAR COVER	
	DUAL ITEMS	35 34 36	1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25	
	<b>DUAL ITEMS</b> 13874	35 34 36 10	1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T	
	DUAL ITEMS	35 34 36	1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25	
	<b>DUAL ITEMS</b> 13874	35 34 36 10	1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T	
	<b>DUAL ITEMS</b> 13874 88690	35 34 36 10 11	1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1	
	DUAL ITEMS 13874 88690 88251	35 34 36 10 11 21	1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT	
	DUAL ITEMS 13874 88690 88251 88508 88543	35 34 36 10 11 21 12 13	1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521	35 34 36 10 11 21 12 13 14	1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252	35 34 36 10 11 21 12 13 14 15	1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281	35 34 36 10 11 21 12 13 14 15 20	1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824	35 34 36 10 11 21 12 13 14 15 20 43	1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052	35 34 36 10 11 21 12 13 14 15 20 43 41	1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242	35 34 36 10 11 21 12 13 14 15 20 43	1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052	35 34 36 10 11 21 12 13 14 15 20 43 41	1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242	35 34 36 10 11 21 12 13 14 15 20 43 41 32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100'	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR PLATE ASSEMBLY	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR PLATE ASSEMBLY S/P CONTROL PACK COVER ASSEMBLY	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P CONTROL PACK COVER ASSEMBLY S/P REMOTE CONTROL	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR PLATE ASSEMBLY S/P CONTROL PACK COVER ASSEMBLY S/P REMOTE CONTROL POWER CABLE 2GA, 2.2m	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405 36080	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26 37	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR PLATE ASSEMBLY S/P CONTROL PACK COVER ASSEMBLY S/P REMOTE CONTROL POWER CABLE 2GA, 2.2m	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405 36080	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26 37	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405 36080 88371	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26 37 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR PLATE ASSEMBLY S/P REMOTE CONTROL POWER CABLE 2GA, 2.2m POWER CABLE 2GA, 71 cm	
	DUAL ITEMS 13874 88690 88251 88508 88543 88521 88252 90281 13824 90052 89242 89212 84308 81400 89626 89244 83665 26405 36080 88371 88682	35 34 36 10 11 21 12 13 14 15 20 43 41 32 38 39 29 30 28 40 26 37 3 26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BUS BARS TOP, BUSS BAR COVER BASE, BUSS BAR COVER TORX, PAN HEAD, M6-1.0 x 25 SUN GEAR, 12T CARRIER ASSY, STAGE 1 DRIVE SHAFT CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 2 WASHER, THRUST CARRIER ASSY, STAGE 3 RING GEAR, 75T DRIVE SPLINE DRUM DRIVER ANCHOR PUCK S/P, TIE PLATE S/P, WIRE ROPE, 5/16x100' S/P, FAIRLEAD, HAWSE S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P 12VDC CONTACTOR S/P 20TROL PACK COVER ASSEMBLY S/P REMOTE CONTROL POWER CABLE 2GA, 2.2m POWER CABLE 2GA, 71 cm TORX, PAN HEAD, M6-1.0 x 25	