

CORD EJECT SYSTEMS



Auto Eject WP
Page 33



Dynamic Disconnect
Page 33



Rear Enclosure
Page 33



EZ Mounting Plate
For Auto Eject WP
Page 33



Super Auto Eject
Page 34



EZ Mounting Plate
For Super Auto Eject
Page 34



Super Trailer Auto
Eject
Page 34



Super Auto Eject
with Deluxe Cover
Page 35



Super 30 Auto Eject
Page 36



Super 30 Auto Eject -
Air / Electric
Page 37



Super 16 Auto Eject
Page 38



Air Eject /
HP Air Eject
Page 39



Weatherproof
Adapter Kit
Page 39



EZ Mounting Plate
For Air Eject
Page 39



Auto Clean
Page 39



Weatherproof
Covers
Page 40



Name Plates
Page 40



Wire & Wiring Kits
Page 41



Receptacles
Page 41



Connectors
Page 41



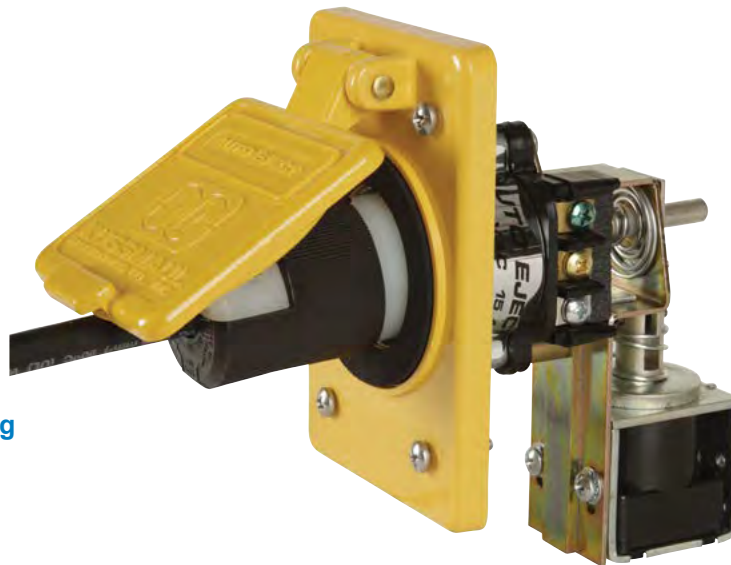
WPR-1
Page 41

Eject Plug from Shore Power on Engine Start



Features

- 15/20A AC, or 15A DC receptacle
- Upon sensing the engine starting, the plug ejects from receptacle and away from the vehicle which eliminates cord hazards
- After ejection a weatherproof cover snaps into position over the inlet
- 3.4" rear projection installs in the vehicle side walls with a limited depth clearance
- Available in 6 different colors



System includes: Auto-Eject, Cover and Plug

Optional Accessories



Dynamic Disconnect
091-18-098

Dynamic Disconnect:

Sequences energizing of the Auto Eject which eliminates terminal arcing when connecting and disconnecting to the receptacle



Rear Enclosure
091-18CP

Rear Enclosure:

For installations that expose the rear of the Auto Eject to outside elements



EZ Mounting Plate with Power Indicator
091-185-010

EZ Mounting Plate with Power Indicator:

Assemble and pre-wire the Auto Eject in this stainless steel plate, then mount to the vehicle wall. A green indicator light confirms the inlet is energized

Wiring Accessories:

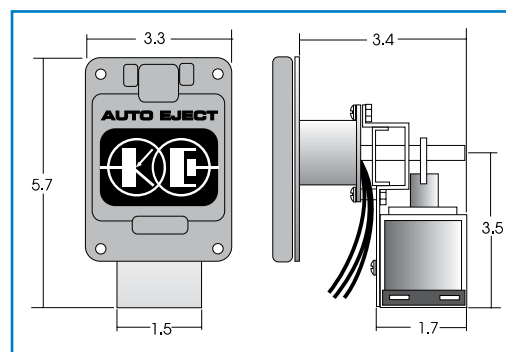
Retractable Cord, Wiring Kits, and Rubber Plug Protectors (See page 41)



Weatherproof Cover Color Options

YW Yellow	RD Red
WH White	GY Gray
BL Blue	BLK Black

Auto Eject WP Dimensions



Part Number	Description	Electrical Data				Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	L	W	H	
091-18WP-120	WP Auto Eject	12	N/A	120	15	3.40"	3.30"	5.70"	2
091-20WP-120	WP Auto Eject	12	N/A	120	20	3.40"	3.30"	5.70"	2
091-18WP-012	WP Auto Eject (12V/240V)	12	15	240	15	3.40"	3.30"	5.70"	2

When ordering specify: Cover color code • 24V for 24 volt actuator operation

Eject Plug from Shore Power On Engine Start

Features

- 15/20A AC, or 15A DC receptacle
- The **Super Auto Eject** plug ejects from the receptacle and away from vehicle which eliminates cord hazards
- The **Super Trailer Auto Eject** plugs ejects from the receptacle upon engaging brake pedal prior to vehicle going into gear
- Sequences energizing of the Auto Eject which eliminates terminal arcing when connecting and disconnecting to the receptacle
- After ejection a weatherproof cover snaps into position over the inlet
- A weatherproof back enclosure with a watertight cable fittings protects the mechanism from road contamination
- Pre-wired with a 3' AC cord and an eject sense wire. Entry of the unit is on the side in the standard configuration, a back entry is also available on request.

System includes: Auto-Eject, Cover, Plug, 3' AC power (pre-wired) and an Eject Sense Wire

Optional Accessories

EZ Mounting Plate with Power Indicator:

Assemble and pre-wire the Auto Eject in this stainless steel plate, then mount to the vehicle wall. A green indicator light confirms the inlet is energized.

Other Accessories:

Retractable Cord, Wiring Kits, and Rubber Plug Protectors (see page 41)



Weatherproof Cover Color Options



YW	RD
Yellow	Red
WH	GY
White	Gray
BL	BLK
Blue	Black

Optional Configuration



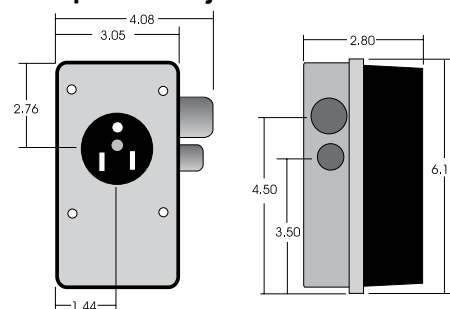
Back Wire:

For installations with rear rather than side wire orientation, specify BW when ordering



EZ Mounting Plate with Power Indicator
091-185-009

Super Auto Eject Dimensions



Part Number	Description	Electrical Data				Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	L	W	H	
091-55-15-120	Super 15 Auto Eject	12	N/A	120	15	2.80"	4.08"	6.17"	4
091-55-20-120	Super 20 Auto Eject	12	N/A	120	20	2.80"	4.08"	6.17"	4
091-55-15-DC	Super 15 Auto Eject - DC	12	15	240	15	2.80"	4.08"	6.17"	4
091-55-15-120T	Super 15 Trailer Eject	12	N/A	120	15	2.80"	4.08"	6.17"	4
091-55-20-120T	Super 20 Trailer Eject	12	15	240	15	2.80"	4.08"	6.17"	4
091-55-15-DCT	Super Trailer 15 Eject - DC	12	15	240	15	2.80"	4.08"	6.17"	4

When ordering specify: Cover color code • BW for back wire option • 24V for 24 volt actuator operation

SUPER AUTO EJECT WITH DELUXE COVER

Auto Eject and Charger Status in One Product

Features

- 15/20A AC, or 15A DC receptacle
- Auto Eject- senses the engine starting, the plug ejects from the receptacle and away from vehicle which eliminates cord hazards
- Indicator displays the battery charger status
- Deluxe Lid opens 180 degrees
- Works with Kussmaul Battery Chargers CALL FOR MORE INFORMATION
- Sequences energizing of the Auto Eject which eliminates terminal arcing when connecting and disconnecting to the receptical
- A sealed weatherproof rubber gasket protects the mechanism from road contamination

System includes: Auto-Eject, Deluxe Cover, Plug, 3' AC power (prewired) and an Eject Sense Wire



Bar Graph Display has 10 RED LED bars

Digital Display has 3 digit numerical GREEN LED display for amps and voltage



Bar Graph Display with Dual LED Indicator

- Compatible with Kussmaul Dual Battery Chargers, AC2000 and AC4000

- Works with many Kussmaul single Battery Chargers CALL FOR MORE INFORMATION



Bar Graph Display



Digital Display



NEW Bar Graph Display with Dual LED

See page 34 for Color Cover Options, Configurations, Dimensions and Optional Accessories

Part Number	Description	Electrical Data				Dimensions			Wgt.	Color
		DC Volts	DC Amps	AC Volts	AC Amps	L	W	H		
61-11-2106	Bar Graph Display, (234)	12	N/A	120	15	2.80"	4.08"	6.17"	4	YW
63-11-2106					20					
61-11-3106	Digital Display (194), for single battery chargers with output of 40A	12	N/A	120	15	2.80"	4.08"	6.17"	4	YW
63-11-3106					20					
61-11-6106	Digital Display (194C), for single battery chargers with output of 80A	12	N/A	120	20	2.80"	4.08"	6.17"	4	YW
63-11-7106	Digital Display (239), for AC 2000/4000 dual battery chargers with output of 20A	12	N/A		15	2.80"	4.08"	6.17"	4	YW
					20					

Contact Sales Department for additional kit configurations and colors

Eject 30 Amp Plug from Shore Power On Engine Start

Features

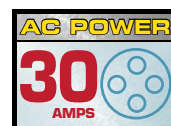
- 30A, heavy duty pin and sleeve contacts provide a reliable connection over years of insertion/eject cycles
- Three/four pin 120/240V configurations
- Smooth sculpted cover, no sharp edges
- Upon sensing the engine starting, the plug ejects from the receptacle and away from the vehicle which eliminates cord hazards
- Auto Eject energizing is delayed until the detector pin senses the plug is inserted, which eliminates terminal arcing
- After ejection, a weatherproof cover snaps into position over the inlet
- A weatherproof back enclosure with a watertight cable fittings protects the mechanism from road contamination



120V



240 V



240 V



System includes: Auto-Eject, Cover and Plug



30A, 120V Plug
091-159-CON-3P-120



30A, 240V Plug
091-159-CON-3P-250



Weatherproof Cover Color Options

YW Yellow	RD Red
WH White	GY Gray
BL Blue	BLK Black

Optional Accessory

EZ Mounting Plate with Power Indicator:
Assemble and pre-wire the Auto Eject in this stainless steel plate, then mount to the vehicle wall. A green indicator light confirms the inlet is energized.

Model # 091-159-081-120, 120 Vac
Model # 091-159-081-240, 240 Vac



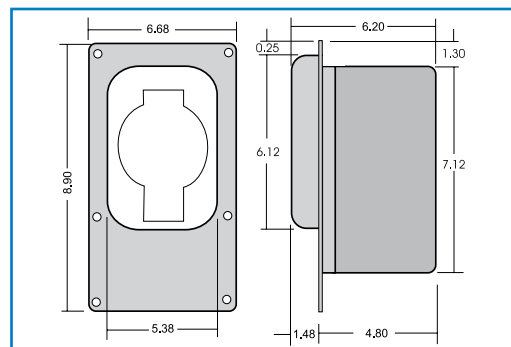
Optional Configuration

Back Wire:

For installations with rear rather than side wire orientation, specify BW when ordering



Super 30 Auto Eject Dimensions



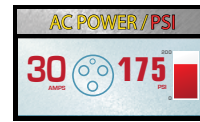
Part Number	Description	Electrical Data				Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	L	W	H	
091-159-30-120	Super 30 Auto Eject - 3 Pin	12 / 24	1.6	120	30	6.20"	6.68"	8.90"	8
091-159-30-250	Super 30 Auto Eject - 3 Pin	12 / 24	1.6	240	30	6.20"	6.68"	8.90"	8
091-159-430-250	Super 30 Auto Eject - 4 Pin	12 / 24	1.6	240	30	6.20"	6.68"	8.90"	8

When ordering specify: Cover color code • BW for back wire option

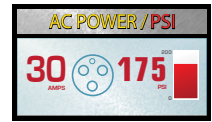
Eject 30 Amp Plug from Shore Power & Air Line On Engine Start

Features

- 30A, 120V, 175PSI, heavy duty pin and sleeve contacts provide a reliable connection over years of insertion/eject cycles
- Air connection is made through a brass fitting containing a shut-off valve
 - Shut-off valve opens when the plug is inserted to supply air pressure to the vehicle
 - Shut-off valve closes automatically when the plug is ejected, sealing off the air supply
- Smooth sculpted cover with no sharp edges
- Upon sensing the engine starting, the plug ejects from receptacle and away from vehicle which eliminates cord hazards
- Air-Electric energizing is delayed until the detector pin senses the plug is inserted which eliminates terminal arcing
- A weatherproof back enclosure with watertight cable fittings protects the mechanism from road contamination



120V, 30A, 175PSI



240V, 30A 175PSI



System includes: Air/Electric Auto-Eject, Cover, Plug and 30' of Air Line



30A, 120V, 175 PSI Plug
091-169-CON-4P-120



30A, 240V, 175 PSI Plug
091-169-CON-4P-250



**Weatherproof
Cover Color Options**

YW Yellow	RD Red
WH White	GY Gray
BL Blue	BLK Black

Optional Accessory

EZ Mounting Plate with Power Indicator:

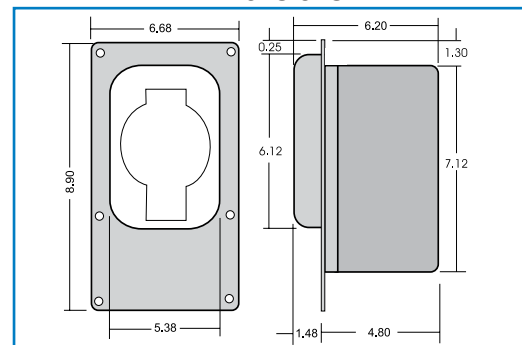
Assemble and pre-wire the Auto Eject in this stainless steel plate, then mount to the vehicle wall. A green indicator light confirms the inlet is energized.

Model # 091-159-081-120, 120 Vac

Model # 091-159-081-240, 240 Vac



Super 30 Auto Eject - Air / Electric Dimensions



Part Number	Description	Electrical Data					Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	Max PSI	L	W	H	
091-169-30-120	Super 30 Air-Electric Auto Eject	12 / 24	1.6	120	30	175	6.20"	6.68"	8.90"	8
091-169-30-250	Super 30 Air-Electric Auto Eject	12 / 24	1.6	240	30	175	6.20"	6.68"	8.90"	8

When ordering specify: Cover color code

Eject European Configuration 16 Amp Plug from Shore Power On Engine Start



240V

Features

- 16A, heavy duty pin and sleeve contacts provide a reliable connection over years of insertion/eject cycles
- Three pin 240V configurations
- IEC 60309 standard European connector is provided
- 12/24V actuation voltages
- Smooth sculpted cover, no sharp edges
- Upon sensing the engine starting, the plug ejects from the receptacle and away from the vehicle which eliminates cord hazards
- Auto Eject energizing is delayed until the detector pin senses the plug is inserted which eliminates terminal arcing
- After ejection, a weatherproof cover snaps into position over the inlet
- A weatherproof back enclosure with a watertight cable fittings protects the mechanism from road contamination



System includes: Auto-Eject, Cover and Plug



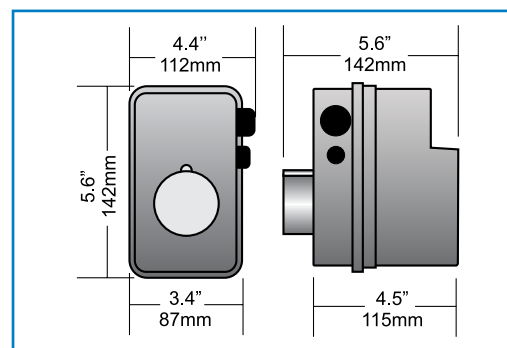
16A, 240V Plug
091-182-CON-3P-230



Weatherproof Cover Color Options

YW	RD
Yellow	Red
WH	GY
White	Gray
BL	BLK
Blue	Black

Super 16 Auto Eject Dimensions



Optional Accessory

EZ Mounting Plate with Power Indicator:

Assemble and pre-wire the Auto Eject in this stainless steel plate, then mount to the vehicle wall. A green indicator light confirms the inlet is energized.

Model # 091-182-027-120, 120 Vac

Model # 091-182-027-240, 240 Vac



Part Number	Description	Electrical Data Specs				Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	L	W	H	
091-182-230-12	Super 16 Auto Eject	12	N/A	240	16	5.60"	4.40"	5.60"	5
091-182-230-24	Super 16 Auto Eject (24V)	24	N/A	240	16	5.60"	4.40"	5.60"	5

When ordering specify: Cover color code

Eject Air Line From Vehicle Upon Engine Start

Features

- 140/175 PSI models are available
- Truck side mount pneumatic connector accepts standard air hose adapters to maintain pressure on the vehicles brake system when in the station
- Upon engine start the coupler disconnects and ejects the air line, preventing any hazardous and damaging drive-off situations
- A minimum of 20 PSI required for ejection

System includes: Air Eject & Mating Connector

Optional Accessories

Weatherproof Adapter Kit:

Recess mounting bracket with weatherproof cover with choice of six color options

Model #: 091-28AK-XX



Weatherproof Adapter Kit

EZ Mounting Plate with 'Connected' Indicator:

Simplifies installation with an indicator light confirming proper connection

Model #: 091-185-011



EZ Mounting Plate with Power Indicator



Weatherproof Cover Color Options

YW Yellow	RD Red
WH White	GY Gray
BL Blue	BLK Black

Auto Clean:

Paper roll filter element removes any contaminants from the air line.

Model #: 091-9G-2



Auto Clean

Auto Pump Status Center:

This display is an air pressure sensor with an indicator that displays air pressure in PSI. The display contains a numerical display for PSI and a bar graph. The air pressure sensor port is connected to an air supply to measure and display the PSI. The indicator is designed for exterior mounting so that the PSI condition may be easily viewed outside the vehicle.

Model #: 091-198-12-AP



Auto Pump Status Center

Part Number	Description	Electrical Data			Dimensions			Wgt.
		DC Volts	DC Amps	Maximum PSI	L	W	H	
091-28	Air Eject	12	N/A	140	1.70"	2.85"	3.60"	2
091-28-24	Air Eject (24V)	24	N/A	140	1.70"	2.85"	3.60"	2
091-28HP	HP Air Eject	12	N/A	175	1.70"	2.85"	3.60"	2
091-28HP-24	HP Air Eject (24V)	24	N/A	175	1.70"	2.85"	3.60"	2

Super Auto Eject Deluxe Covers

Use with Super 15 & 20 Auto Eject and Air Eject WP Adapter Kit

- Extreme duty cover with lid that opens 180°
- Incorporates Auto Eject and Indicator in one product
- Available in Bar Graph or Digital Display
- Works with Kussmaul chargers



091-55-234-XXX
Bar Graph

091-55-239-XXX
Bar Graph with
Dual Output

091-55-194X-XXX
Digital Display
Amperage/Voltage

Used With	Model	Type of Display
Super 15 & 20 Auto Eject Air Eject WP Adapter Kit	091-55-234-XXX*	Bar Graph Display
Super 15 & 20 Auto Eject Air Eject WP Adapter Kit	091-55-239-XXX*	Bar Graph Display with Dual Output
Super 15 & 20 Auto Eject Air Eject WP Adapter Kit	091-55-194X*-XXX*	Digital Display
**Amperage Options for Digital Display -194: 40A, 194A: 15A, 194B: 20A, 194C: 80A (indicate when ordering)		

Standard Weatherproof Covers



091-3XX Used with:
WP Auto Eject
Wiring Kits
Receptacles

091-55XX Used with:
Super 15 & 20
Auto Eject
Air Eject WP
Adapter Kit

091-182XX Used with:
Super 16
Auto Eject

091-159XX Used with:
Super 30 Auto
Eject/AE

Color Options

YW	RD	BL
Yellow	Red	Blue
WH	GY	BLK
White	Gray	Black
*Add suffix color code to model # when ordering		

Use With	Model
Auto Eject WP	091-3XX*
Super Auto Eject 15, 20	091-55XX*
Super 16 Auto Eject	091-182XX*
Super 30 Auto Eject	091-159XX*

Nameplates

Self adhesive nameplates fit into recess on Auto Eject Weatherproof covers



091-3XX



091-55XX

Model	Nameplate	Type of Cover	Model	Nameplate	Type of Cover	Model	Nameplate	Type of Cover
091-NP-01	Air Eject	091-3XX*	091-NP-06	Battery Charger, Air Compressor	091-3XX*	091-55NP-03	Battery Charger	091-55XX*
091-NP-02	Air Compressor	091-3XX*	091-NP-07	Batt. Chgr., Air Comp., B. Heater	091-3XX*	091-55NP-04	Block Heater	091-55XX*
091-NP-03	Battery Charger	091-3XX*	091-NP-Kit	All Nameplates	091-3XX*	091-55NP-05	Battery Charger, Block Heater	091-55XX*
091-NP-04	Block Heater	091-3XX*	091-55NP-Kit	All Nameplates	091-55XX*	091-55NP-06	Battery Charger, Air Compressor	091-55XX*
091-NP-05	Battery Charger, Block Heater	091-3XX*	091-55NP-01	Air Ejects	091-55XX*	091-55NP-07	Batt. Chgr., Air Comp., B. Heater	091-55XX*
			091-55NP-02	Air Compressor	091-55XX*			

Wiring Kits



Includes:

- 30', 3 conductor wire
- Receptacle & weatherproof cover (Choice of Color)
- Plug

Description		Model
15A AC, 14 AWG		VW-7
20A AC, 12 AWG		VW-9
15A DC, 14 AWG		VW-8



Includes:

- Male receptacle
- weatherproof cover (choice of color)
- Plug

Description		Model
15A AC		VW-10
15A AC		VW-12
20A DC		VW-11

Wiring Accessories



Includes:

- 30', 3 conductor wire
- Male receptacle

Description		Model
15A, AC, 14AWG		VW-4
20A, AC, 12 AWG		VW-5
15A, DC, 14 AWG		VW-2

Wire



Includes:

- 30', 3 conductor wire

Description	Model
15A, AC, 14 AWG	VW-3
20A, AC, 12 AWG	VW-6

Retractable Cord



Description	Model
15A, 14 AWG, 3 Cond, 20'	091-18D-14
20A, 12 AWG, 3 Cond, 20'	091-18D-12

Receptacles



	15A, 120V AC Model 5278C
	20A, 120V AC Model 5378C
	15A, 12V DC Model 5678C

Connectors



	15A, 120V AC Model 5-15P-H
	20A, 120V AC Model 5-20P-H
	15A, 12V DC Model 6-15P-H

Connector Protector



Rubber Jacket fits over cord connectors, 1/8" wall thickness, protects against damage when connector drops to floor.
Model 091-55-069

DC Connector



This 3 conductor, 15A, 12V, twist lock connector is moisture resistant and provides a connection that cannot be accidentally interchanged with any of the standard AC connectors. Ideally suited for coupling DC to portable equipment. **Model 091-3-157**

AC Connector

This kit contains a 120V, 20A power input receptacle, weatherproof cover, plastic water tight enclosure and a liquid tight connector for wire diameter 0.170 minimum to 0.470 maximum.
Model WPR-1-XX



(Specify Color)

YW	WH	RD	GY	BL	BLK
Yellow	White	Red	Gray	Blue	Black