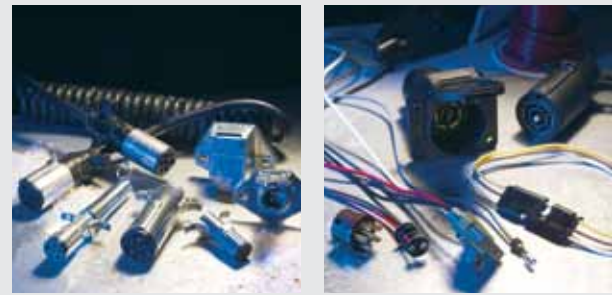


HEAVY DUTY 7-WAY CONNECTORS • CONNECTEURS ROBUSTES À 7 VOIES • CONECTORES PARA REMOLQUES, 7,6,4,2 Y 1 VÍA

7-WAY R.V. CONNECTORS • CONNECTEURS À 7 VOIES POUR VR
• CONECTORES DE 7 HILOS PARA VEHÍCULOS RECREATIVOS



Grote's Trailer Connectors and Communication products ensure sufficient power is delivered to the entire vehicles lighting and safety system.

Heavy Duty 7-Way Connectors

No.	Color	Circuits	Recommended Wire Gauge
1	White	Ground Return	8 GA
2	Black	Clearance, Side Marker and Identification Lamps	12 GA
3	Yellow	Left Turn Signal and Hazard Signal	12 GA
4	Red	Stop Lamps and Anti-Lock Devices	10 GA
5	Green	Right Turn Signal and Hazard Signal	12 GA
6	Brown	Tail, Rear Clearance, Marker and License Plate Lamps	12 GA
7	Blue	Auxiliary Circuit/ABS	10 GA

- Die-cast housing for superior corrosion resistance
- Solid brass pin terminals for best conductivity
- Terminals accept 16-10 gauge wires; 8 gauge ground wire
- 40 AMP @ 6-28V DC
- 2, 1/2" mounting holes
- Plated steel cable guard prevents cable chafing
- Circuit identification on the back of the plug & socket
- Meets and exceeds SAE J560 specifications
- Stainless steel spring

Plug #	Material	Description	Part #
7	Zinc Die-Cast	Plug only – N.A.	82-1007
7	Zinc Die-Cast	Plug only	82-1001
7	Nylon	Plug only – N.A.	82-2140
7	Zinc Die-Cast	Plug with guard – N.A.	82-1037
7	Zinc Die-Cast	Plug with guard	82-1019
7	Stainless Steel	Guard only	82-2141
7	Nylon	Plug Interior – enclosed	82-1003

Socket #	Material	Terminals	Part #
7	Zinc Die-Cast	Exposed, solid pin – N.A.	82-1005
7	Zinc Die-Cast	Exposed, split pin – N.A.	82-1047
7	Zinc Die-Cast	Enclosed, split pin	82-1002
7	Nylon	Enclosed, solid pin – N.A.	82-2145

N.A. = North American

7 Way R.V. Connectors

No.	Color	Circuit	Recommended Wire Gauge
1	White	Ground Return	10 GA
2	Blue	Electric Brake	12 GA
3	Green	Tail, License, Running Lights	14 GA
4	Black	Battery Charge	10 GA
5	Red	Stop and Left Hand Turn Signal	14 GA
6	Brown	Stop and Right Hand Turn Signal	14 GA
7	Yellow	Auxiliary Circuit	14 GA

- Made of lightweight, high impact nylon
- Socket lid has a slot for proper drainage, tin plated copper alloy terminals
- 82-1060 fits Ford style and universal mount brackets

Plug/Socket #	Material	Description	Part #
7	Nylon	R.V. Socket Only – N.A.	82-1060
7	Nylon	R.V. Socket Only	82-1058
7	Nylon	R.V. Plug Only	82-1056
7	Nylon	R.V. Plug & Socket Kit (includes 82-1056 & 82-1058)	82-1050

Twist-In and Lock Connector

- Easy twist-in and lock assembly for factory installed brackets & hitches
- Fits GM and Nissan trucks and SUV's

Plug #	Material	Description	Part #
7	Nylon	Twist-In & Lock Socket – N.A.	82-1059

Zinc Die Cast 7-Way Socketbreakers NEW

- Heavy-duty die-cast material
- 2-hole mount with gasket included
- 7 pole, split-pin with a full-open lid
- Available with metal or nylon circuit breakers

Part #	Description	Pack Size
82-0854	15 AMP, Metal Breakers, Split Pin	1
82-0855	20 AMP, Metal Breakers, Split Pin	1
82-0850	20 AMP, Metal Breakers, Split Pin w/ nose box & gasket	1
82-0856	30 AMP, Metal Breakers, Split Pin	1
82-0857	20 AMP, Nylon Breakers, Split Pin	1
82-0858	30 AMP, Nylon Breakers, Split Pin	1
82-0853	No Circuit Breakers, Split Pin	1
82-0859	Deep Nose Box with Gasket and Grommet	1

Metal 15, 20 and 30 AMP replacement breakers also available



82-1058



82-1056



82-1060



82-1059



82-0857



82-0850

R.V. CONNECTOR ADAPTERS • ADAPTATEURS DE CONNECTEUR POUR VR
• ADAPTADORES DE CONECTORES PARA VEHÍCULOS RECREATIVOS

R.V. CONNECTOR ADAPTERS • ADAPTATEURS DE CONNECTEUR POUR VR
• ADAPTADORES DE CONECTORES PARA VEHÍCULOS RECREATIVOS



82-1055

Combination 7 Way & 4 Pole Sockets

- Combines an R.V. 7 way and 4 pole flat socket connection into one part (not to be used simultaneously)
- Made of lightweight, high impact nylon material for superior corrosion resistance
- Easy snap-in assembly designed for truck and sport utility vehicles and when hauling multiple trailers
- Eliminates the need for an adapter
- Will plug into any Ford or GM vehicle built after 2001 (selected Nissan models 2004+)
- Mounting bracket included

Plug #	Material	Description	Part #
7	Nylon	7-Way R.V. and 4 pole flat – N.A.	82-1055

T Connector Adapter

- Adapter for 5th wheel & bumper mount sockets
- Quickly installs a second R.V. socket; plug and play into the existing OEM harness
- Fits GM and Ford trucks and SUV's; fits Chrysler trucks and SUV's with 82-1062 adapter
- Mates with Grote 7 Way socket # 82-1060 & 82-1055
- Installation instructions included

Plug #	Material	Description	Part #
7	Nylon	7 Way R.V. 5th Wheel T-Connector – N.A.	82-1063

Rectangular-to-Round Harness Adapter

- Adapter for OEM harnesses
- Mates with Grote socket # 82-1060, 82-1055, 82-1059 and T-Connector # 82-1063 (above)

Plug #	Material	Description	Part #
7	Nylon	Harness Adapter – N.A.	82-1062

Harness Extension Adapter

- Adapter mates with socket # 82-1060, 82-1055
- 4' harness extension plug into the socket and splices into an existing OEM harness
- Installation hardware included

Plug #	Material	Description	Part #
7	Nylon	4' Harness Extension – N.A.	82-1061

N.A. = North American

Step-Down R.V. Adapters

- Provides 6 & 7 pole trailer plug to allow 4,5 and 6 pole conversion
- Made of lightweight, nylon material for superior corrosion resistance
- Simply plug into the matching socket and you're ready to go
- Ideal for boat trailers, campers and utility vehicles
- Mounting brackets also available – see below

Plug #	Material	Description	Part #
7	Nylon	7 Way R.V. to 4 Pole Flat	82-2146
7	Nylon	7 Way R.V. to 5 Pole Flat	82-2148
7	Nylon	7 Way R.V. to 6 Pole Round, Centre Pin – Brake	82-2149
7	Nylon	7 Way R.V. to 6 Pole Round, Centre Pin – Auxiliary	82-2154
6	Nylon	6 Pole Round to 4 Pole Flat	82-2147



82-2146

82-2148

82-2149

82-2147

Mounting Brackets

- Can accommodate from 4 pole up to 9 pole socket requirements
- Made of anti-corrosive steel, painted black

Plug #	Material	Description	Part #
4, 5, 6	Steel	4, 5 and 6 pole socket bracket	43942
7, 9	Steel	7 and 9 pole socket bracket	43402



43942

43402

Plug and Socket Boot

Plug / Socket #	Description	Part #
7	Plug Boot – complete protection	82-2142
7	Socket Boot – complete protection	82-2144



82-2142

82-2144

HEAVY DUTY 6-WAY, 4-WAY CONNECTORS
• CONNECTEURS ROBUSTES À 6 VOIES, ET À 4 VOIES • CONECTORES DE 6 HILOS Y 4 HILOS

2-WAY, 1-WAY CONNECTORS, LIFT GATE CABLES
• CONNECTEURS ROBUSTES À 2 VOIES, À 1 VOIES ET CÂBLES HAYON • CABLES PARA RAMPAS DE CARGA

Heavy Duty 6-Way Connectors

No.	Color	Circuits
1	White	Ground Return
2	Brown	Tail Lights
3	Yellow	Left Turn
4	Red	Stop
5	Green	Right Turn
6	Blue	Auxiliary Circuit

- Die-cast housing for superior corrosion resistance
- Brass pin terminals for best conductivity
- Terminals accept up to #12 gauge wires
- Plated steel cable guard prevents cable chafing
- Circuit identification on the back of the plug & socket

Plug #	Material	Description	Part #
6	Zinc Die-Cast	Plug only	82-1011
6	Zinc Die-Cast	Plug with guard – N.A.	82-2006
6	Zinc Die-Cast	Plug with guard	82-1010

Socket #	Material	Terminals	Part #
6	Zinc Die-Cast	Exposed, split pin – N.A.	82-1015
6	Zinc Die-Cast	Enclosed, split pin	82-1016
6	Zinc Die-Cast	Enclosed, split pin – N.A.	82-4006

Plug & Socket Kit	Material	Terminals	Part #
6	Zinc Die-Cast	Enclosed, split pin	82-1018

(includes 82-1011 & 82-1016)

Plug/Socket #	Description	Part #
6	Socket Boot – Complete protection	82-1012

Heavy Duty 4-Way Connectors

No.	Color	Circuits
1	White	Ground Return
2	Green	Right Turns and Brake Lights
3	Yellow or Red	Left Turn and Brake Lights
4	Brown	Tail Lights

Plug #	Material	Description	Part #
4	Zinc Die-Cast	Plug with spring	82-1022
4	Zinc Die-Cast	Plug	82-1021
4	Stainless Steel	Spring	82-1023

Socket #	Material	Terminals	Part #
4	Zinc Die-Cast	Enclosed, split pin	82-1020

Plug & Socket Kit	Material	Terminals	Part #
4	Zinc Die-Cast	Enclosed, split pin	82-1040

(includes 82-1020 & 82-1021)

Heavy Duty 2-Way Connectors

- Ideal for lift-gate applications
- Accepts 4 gauge cables
- 2, 1/4" mounting holes
- 200 AMP; Heavy duty die-cast construction

Plug #	Material	Description	Part #
2	Zinc Die-Cast	Plug with spring	82-1042
2	Zinc Die-Cast	Socket	82-1041
	Rubber	Socket Boot	82-2144

Heavy Duty 1-Way Connectors

- Ideal for power applications on trucks, utility, agricultural equipment and winches
- Continuous duty capacity of 300 AMPs
- Heavy duty, corrosion resistant, zinc die cast housing
- 2, 1/4" mounting holes
- Provides power for auxiliary equipment from the battery

Plug #	Material	Description	Part #
1	Zinc Die-Cast	Plug with Spring	82-0852

Socket #	Material	Terminals	Part #
1	Zinc Die-Cast	Enclosed	82-0851

Plug & Socket Kit	Material	Terminals	Part #
1	Zinc Die-Cast	Enclosed	82-0950

(includes 82-0852 & 82-0851)

Lift Gate Cables – Single and Dual Pole NEW

- Ideal for lift gate and remote battery charging applications
- Zinc die-cast plugs with spring
- External ground – 4 gauge
- 4 gauge, fine stranded copper wire provides maximum flexibility
- Temperature rating -65°C to (-85°F); Single Pole
- 200 AMP carrying capacity

Part #	Description	Pack Size
81-2212	12', with 12" leads, Dual Pole	1
81-2215	15', with 12" leads, Dual Pole	1
81-2215-DS	15' with 12" leads, Single and Dual Pole	1

Part #	Description	Pack Size
81-2112	12', with 12" leads, Single Pole	1
81-2115	15', with 12" leads, Single Pole	1





ISO Cables NEW

- For use in ISO and auxiliary applications
- Heavy duty die-cast, ISO plugs
- Inverted male ground pin to prevent improper connection
- 1/8, 2/10, 4/12 Gauge 100% copper cable
- Yellow ABS cable meets SAE J2222 specifications; Plug and socket meet SAE J560
- Excellent recoil memory
- Replacement plug and socket also available (82-1044, 82-1043)

Plug #	Material	Description	Part #
7	Die-Cast	15', with 12" leads, Coiled	81-2015
7	Die-Cast	15', with 12" leads, Straight	81-2015-S
7	Die-Cast	15', with 40" leads, Coiled	81-2015-40

Plug #	Material	Description	Part #
7	Die-Cast	ISO Plug	82-1044

Socket #	Material	Description	Part #
7	Nylon	ISO Socket	82-1043

Power Cord and Gladhand Support Holder NEW

- Provides protection and easy storage of electrical cables and air lines when not in use
- High impact material designed to withstand all elements

Part #	Description	Pack Size
81-0141	3 Function – 1 power cord and 2 gladhands	1
81-0142	4 Function – 2 power cord and 2 gladhands	1

Protective Cap – 7 Pole Plugs NEW

- Protective cap for 7 pole plugs
- Heavy duty glass-filled plastic housing
- Spring-loaded for secure locking
- Keeps plugs clean when not in use
- Protects the electrical contacts from dirt and moisture
- 2 mounting holes

Part #	Material	Description	Plug #
82-1051	Plastic	Protective cap for 7 pole plugs	7

Cleaning Brush – 7 Pole Plugs & Sockets NEW

- Engineered to properly fit 7 pole plugs and sockets
- Removes any unwanted corrosion build up
- Easily stored in a tool box or maintenance kit
- Stainless steel bristles and heavy duty plastic housing

Part #	Material	Description	Plug / Socket #
83-6561	Plastic	Plastic housing w/ steel bristles	7

**UltraLink™ Power Cords:
Superior Power Delivery**

GROTE'S ULTRALINK™ CORDS PROVIDE MAXIMUM RELIABILITY IN THE HARSHTEST ENVIRONMENTS.



PLUG DESIGN

- Solid brass nickel-plated pins
- Crush resistant weather-tight elastomeric material

CABLE-TO-PLUG SEAL

Wire jacket is molded into the plug sealing it from the elements and eliminating the need for a spring

CRUSH RESISTANT

Grote's UltraLink's crush-resistant design can survive being run over by a heavy duty vehicle while conventional hollow core designs are permanently deformed and rendered useless.

WANT MORE INFO?

Scan or go to:
<http://www.grote.com/PowerCordProducts/>

US customers must purchase these products through the Grote Lighting program. Contact your local Grote representative for further information.



81-0141

81-0142



82-1051



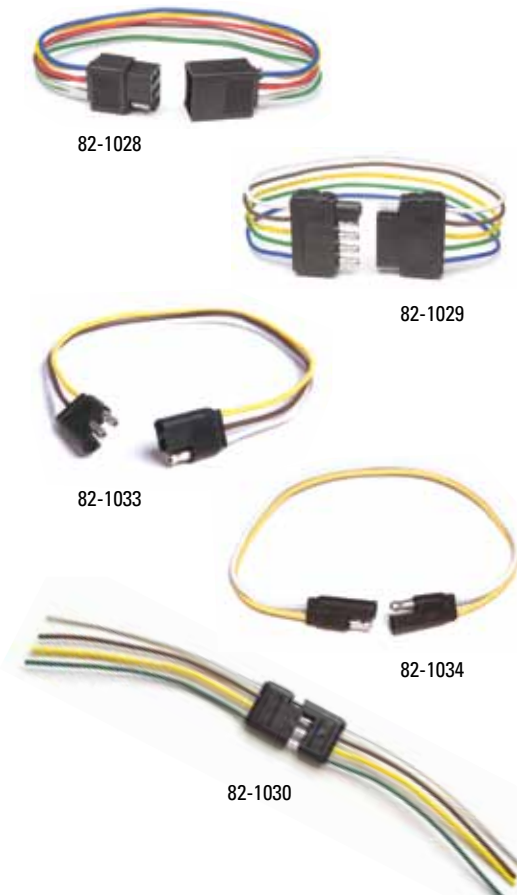
83-6561

Molded Trailer Connectors

- Automotive, marine, recreational and truck applications
- PVC wire
- Operating temperature 105°C (221°F)
- Weather resistant molded head
- Male = vehicle end
- Female = trailer end



Plug #	Gauge	Connector Head	Wire Colors	Connector End	Part #
6	16	Square	White, Yellow, Brown, Green, Blue, Red	Male & Female	82-1028
5	16	Flat	White, Yellow, Brown, Green, Blue	Male & Female	82-1029
4	18	Square	White, Yellow, Brown, Green	Male & Female	82-1036
4	16	Flat	White, Yellow, Brown, Green	Male & Female	82-1030
4	16	Flat	White, Yellow, Brown, Green	Female – blunt cut	82-1031
4	16	Flat	White, Yellow, Brown, Green	Male – blunt cut	82-1032
3	16	Flat	White, Yellow, Brown	Male & Female	82-1033
2	16	Flat	White, Yellow	Male & Female	82-1034
2	10	Flat	White, Black	Male & Female	82-1035



82-1028

82-1029

82-1033

82-1034

82-1030



81-0130



81-0131

Pogo Sticks

NEW

- Designed for nylon, rubber air hoses and heavy-duty ABS cables
- Internal heavy duty spring
- Includes a 7/16" mounting bolt, snap clip, 3 hose holder, eyebolt & nut

Part #	Material	Length	Pack Size
81-0130	Chrome	40"	1
81-0131	Zinc dichromate	40"	1

Hose Holders

NEW

- Designed to route and suspend air coils, hoses and electrical cables
- Provides excellent kink protection

Part #	Description	Pack Size
81-0137	2 Hose holder – 3/4" x 2, Eyelet Bolt	1
81-0138	3 Hose holder – 3/4" x 3, U-Bolt	1
81-0139	4 Hose holder – 3/4" x 4, Adjustable Bolt	1

Hose Hanger Clamps

- Quality material designed for low temperatures
- Ultra Violet (U.V.) and impact resistant

NEW

Part #	Description	Pack Size
83-7015	2 Hose holder – 3/8" x 2	25
83-7016	2 Hose holder – 1/2" x 2	25
83-7017	2 Hose holder – 3/8" and 1/2"	25

Snap Clip

- Stainless steel construction
- Ideal for use with a tracker bar

NEW

Part #	Description	Pack Size
81-0140	Snap clip – large	1

Tracker Bar Spring Replacement Kit

NEW

- Replacement spring, hardware and cover for tracker bars
- Includes a snap clip, 19" heavy-duty spring, 3 hose holder and sleeve

Part #	Description	Pack Size
81-0135	19" spring with sleeve and hose holder	1

Suspender Springs

- Heavy duty springs provide superior support
- Outside diameter exceeds 1"
- Double loop ends

NEW

Part #	Description	Pack Size
81-0132	12", Tandem and airline support	1
81-0133	14 1/2", Straight cable assemblies	1
81-0134	23", HD application incl. ABS power cords	1



81-0137



81-0138



81-0139



83-7016



81-0140



81-0135



81-0134

Seven Terminal Junction Box

- Corrosion resistant molded cover and housing
- Two-bolt mounting 7 3/8" (18.73) centre to centre
- Access slot grommets included, four open-four closed
- 7, #10-32 studs

82-1000

Dri-Seal Circuit Box

- Entrances stay dry by using the new "push-in" choke seals and threaded fittings – comes with 4 choke seals
- 18 brass circuit studs and full hardware; entry from 4 sides
- All components are corrosion resistant
- Numbered label for fast circuit I.D.
- No tools – easy access by 4 wing-nut fasteners that are retained in the cover
- Ample area for wire and cable – 1 cable entrance fitting

351044

Molded Connector Assemblies

- PVC sleeve provides ultimate protection
- 20 AMP @ 12-24V DC
- Split pin terminals

82-1027 2 Pole

82-1025 4 Pole

7-Way System Checker

- Solid brass pin
- LED light source
- Lexan housing

920273

Ultra-Seal Corrosion Preventive Sealant Display

- Prevents rust and corrosion
- Added tackifiers improve adhesion and resistance to washout
- Operating range -40°C (-40°F) to 150°C (302°F)
- Ideal for heavy-duty, automotive, agricultural, marine, industrial and recreational applications

99170-1 Display (includes 12 - 4 oz. tubes # 99170)

99170 4 oz. Tube

99180 8 oz. Tub with applicator



82-1000



351044



82-1025



920273



99170-1



99170



99180

Tender Springs

- Heavy duty springs provide superior support
- Designed for under trailer applications
- Double loop ends

NEW

Part #	Description	Pack Size
81-0136	24", Includes 2 hose holder	1



81-0136