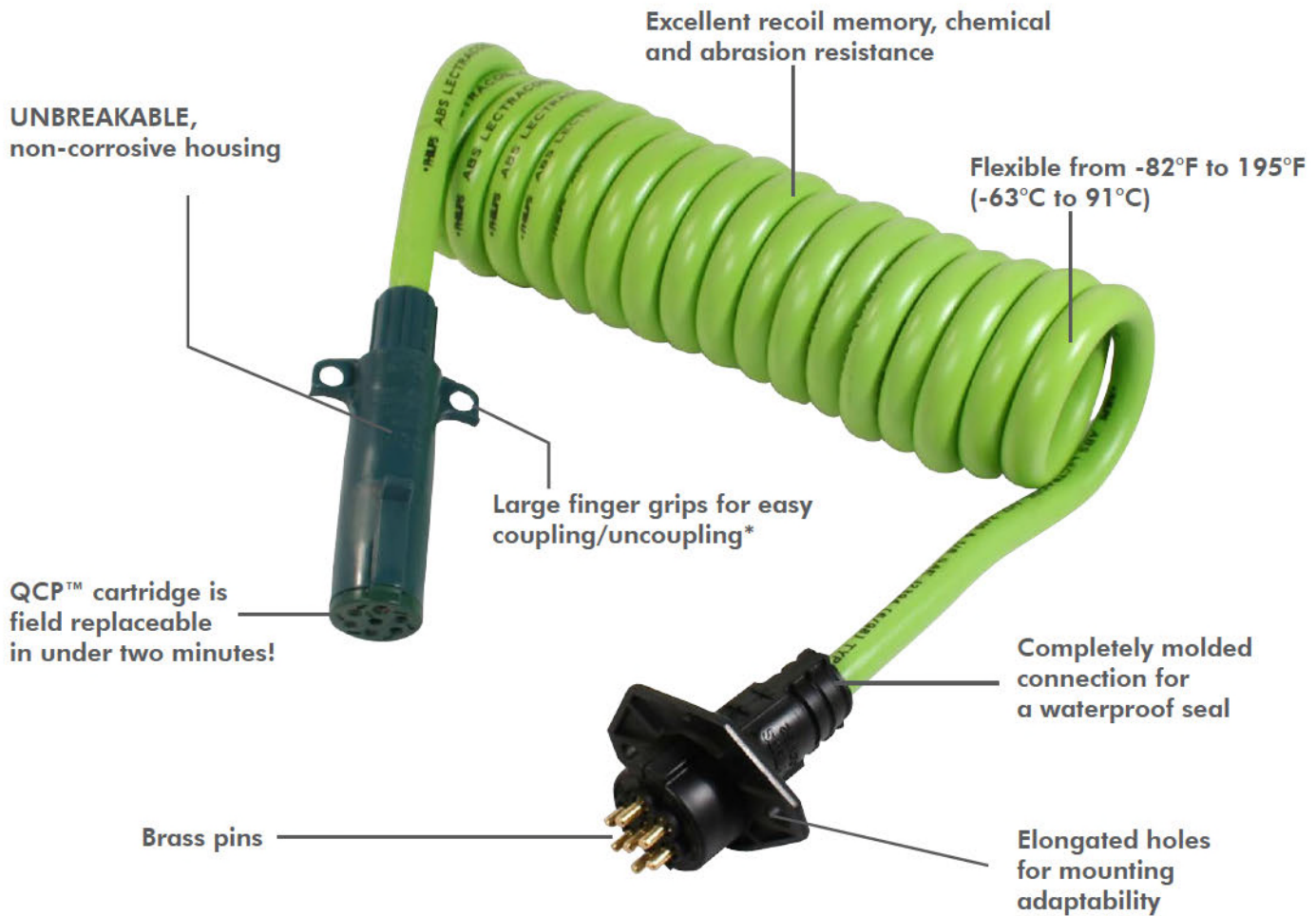


# ELECTRICAL ASSEMBLIES

## STA-DRY® QCMS2™



\* Standard on all Phillips electrical cable assemblies and plugs

# ELECTRICAL ASSEMBLIES

- Large finger grips for coupling/uncoupling, even with gloves
- Longer plug interior for easy maintenance
- Protected with non-corrosive, non-conductive, dielectric grease
- WEATHER-TITE™ PERMAPLUGS™ have machine-cripped terminals for increased conductivity
- Meets SAE J560, J2222, J2394 or ISO 3731

## 1/8, 2/10 & 4/12 ga. ABS Applications

Part No.	Description	
30-9334	12', with QCMS2™ and QCP™	*
30-9634	15', with QCMS2™ and QCP™	*
30-9934	15', 48" lead, with QCMS2™ and QCP™	*

- A tight STA-DRY® seal locks out road contaminants, completely stopping the devastating effects of corrosion
- Plugs directly into the tractor and is rarely removed, further reducing the possibility of contaminants entering the electrical system
- Features the revolutionary QCP™ (Quick-Change Plug), with QCP™ cartridge which is field replaceable in under two minutes!
- Works with the QCS® or QCS2® boot, eliminating the need for a socket
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Built-in theft deterrent
- Patent No. 6,483,200
- ABS LECTRACOIL™ jacketing
- Meets SAE J560, J2394 and J2222
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

## STA-DRY® QCMS2™



## 1/8, 2/10 & 4/12 ga. ABS Applications

QCP™ (Quick-Change Plug)		5 Year Warranty See website for details
Part No.	Description	
30-9324	12', with QCP™	*
30-9624	15', with QCP™	*
30-9924	15', 48" lead, with QCP™	*
30-9954	20', with QCP™	*

WEATHER-TITE™ PERMAPLUG™		3 Year Warranty See website for details
Part No.	Description	
30-9120	10', with WEATHER-TITE™ PERMAPLUGS™	*
30-9320	12', with WEATHER-TITE™ PERMAPLUGS™	*
30-9620	15', with WEATHER-TITE™ PERMAPLUGS™	*
30-9920	15', 48" lead, with WEATHER-TITE™ PERMAPLUGS™	*
30-9820	20', 48" lead, with WEATHER-TITE™ PERMAPLUGS™	*

Zinc Die-Cast Plug		3 Year Warranty See website for details
Part No.	Description	
30-9321	12', with zinc die-cast plugs	*
30-9621	15', with zinc die-cast plugs	*
30-9921	15', 48" lead, with zinc die-cast plugs	*
30-9951	20', with zinc die-cast plugs	*
30-9821	20', 48" lead, with zinc die-cast plugs	*

## ABS LECTRACOIL™



- Recommended for ABS applications and trailers with high voltage demands
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Excellent recoil memory, chemical and abrasion resistance
- QCP™ cartridge is field replaceable in under two minutes!
- The WEATHER-TITE™ PERMAPLUG™ seal blocks contaminants from entering the electrical system
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

## ABS PERMACOIL™



- Recommended for ABS applications
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Good recoil memory, chemical and abrasion resistance
- QCP™ cartridge is field replaceable in under two minutes!
- The WEATHER-TITE™ PERMAPLUG™ seal blocks contaminants from entering the electrical system
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

### 1/8, 2/10 & 4/12 ga. ABS Applications

#### QCP™ (Quick-Change Plug)

Part No.	Description	
30-4324	12', with QCP™	*
30-4624	15', with QCP™	*
30-4924	15', 48" lead, with QCP™	*
30-4954	20', with QCP™	*

#### WEATHER-TITE™ PERMAPLUG™

Part No.	Description	
30-4320	12', with WEATHER-TITE™ PERMAPLUGS™	*
30-4420	12', 48" lead, with WEATHER-TITE™ PERMAPLUGS™	*
30-4620	15', with WEATHER-TITE™ PERMAPLUGS™	*
30-4920	15', 48" lead, with WEATHER-TITE™ PERMAPLUGS™	*
30-4820	20', 48" lead, with WEATHER-TITE™ PERMAPLUGS™	*

#### Zinc Die-Cast Plug

Part No.	Description	
30-4321	12', with zinc die-cast plugs	*
30-4621	15', with zinc die-cast plugs	*
30-4721	15', 72" lead, with zinc die-cast plugs	*
30-4921	15', 48" lead, with zinc die-cast plugs	*
30-4951	20', with zinc die-cast plugs	*
30-4821	20', 48" lead, with zinc die-cast plugs	*

## DURACOIL™



- For standard 7-way applications, NON-ABS equipped trailers
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Excellent recoil memory, chemical and abrasion resistance
- UNBREAKABLE WEATHER-TITE™ PERMAPLUG™ or heavy duty reinforced zinc die-cast plugs
- The WEATHER-TITE™ PERMAPLUG™ seal blocks contaminants from entering the electrical system
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

### 1/10 & 6/12 ga. NON-ABS Applications

#### WEATHER-TITE™ PERMAPLUG™

Part No.	Description	
22-9320	12', with WEATHER-TITE™ PERMAPLUGS™	*
22-9620	15', with WEATHER-TITE™ PERMAPLUGS™	*
22-9720	15', 72" lead, with WEATHER-TITE™ PERMAPLUGS™	*

#### Zinc Die-Cast Plug

Part No.	Description	
22-9321	12', with zinc die-cast plugs	*
22-9521	12', 72" lead, with zinc die-cast plugs	*
22-9621	15', with zinc die-cast plugs	*
22-9721	15', 72" lead, with zinc die-cast plugs	*
22-9921	15', 48" lead, with zinc die-cast plugs	*

### 1/12 & 6/14 ga. NON-ABS Applications

Part No.	Description	
24-9621	15', with zinc die-cast plugs	*

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

**1/10 & 6/12 ga. NON-ABS Applications****QCP™ (Quick-Change Plug)**

Part No.	Description	
22-4624	15', with QCP™	*
22-4954	20', with QCP™	*

**WEATHER-TITE™ PERMAPLUG™**

Part No.	Description	
22-4320	12', with WEATHER-TITE™ PERMAPLUGS™	*
22-4620	15', with WEATHER-TITE™ PERMAPLUGS™	*

**Zinc Die-Cast Plug**

Part No.	Description	
22-4321	12', with zinc die-cast plugs	*
22-4621	15', with zinc die-cast plugs	*
22-4721	15', 72" lead, with zinc die-cast plugs	*
22-4951	20', with zinc die-cast plugs	*

**NON-ABS PERMACOIL™****1/12 & 6/14 ga. NON-ABS Applications****QCP™ (Quick-Change Plug)**

Part No.	Description	
24-4324	12', with QCP™	*
24-4624	15', with QCP™	*
24-4954	20', with QCP™	*

**WEATHER-TITE™ PERMAPLUG™**

Part No.	Description	
24-4320	12', with WEATHER-TITE™ PERMAPLUGS™	*
24-4620	15', with WEATHER-TITE™ PERMAPLUGS™	*

**Zinc Die-Cast Plug**

Part No.	Description	
24-4321	12', with zinc die-cast plugs	*
24-4621	15', with zinc die-cast plugs	*
24-4951	20', with zinc die-cast plugs	*

- For standard 7-way applications, NON-ABS equipped trailers with minimal voltage demands
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Good recoil memory, chemical and abrasion resistance
- QCP™ cartridge is field replaceable in under two minutes!
- The WEATHER-TITE™ PERMAPLUG™ seal blocks contaminants from entering the electrical system
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

**1/8, 2/10 & 4/12 ga. ABS Applications**

Part No.	Description	
30-4327	12', coiled, with molded plugs	*
30-4627	15', coiled, with molded plugs	*
30-4927	15', with 48" lead, coiled, with molded plugs	*

**1/12 & 6/14 ga. NON-ABS Applications**

Part No.	Description	
24-4327	12', coiled, with molded plugs	*
24-4627	15', coiled, with molded plugs	*

**Coiled M7**

- The M7, or Molded 7-way electrical assembly, features plugs that are unbreakable and completely molded to the electrical cable to combat against the devastating effects of corrosion!
- Jacketing is flexible from -87°F to 150°F (-66°C to 66°C)
- ABS cables feature an army green colored jacketing
- Good recoil memory, chemical and abrasion resistance
- Plug meets SAE J560 standards

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

**ISOCOIL™****1/8, 2/10 & 4/12 ga. ISO Applications**

Part No.	Description	
<b>31-9323</b>	12', with zinc die-cast plugs	*
<b>31-9623</b>	15', with zinc die-cast plugs	*
<b>31-9923</b>	15', 48" lead, with zinc die-cast plugs	*

- For ISO (International Standard Organization) / auxiliary applications
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Excellent recoil memory, chemical and abrasion resistance
- Twisted pair brown and green wires to avoid signal noise
- Male ground pin to prevent misconnections
- Heavy duty, reinforced zinc die-cast housing
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

**Accessory Coil****1/8, 2/10 & 4/12 ga. ISO Applications**

Part No.	Description	
<b>31-4323</b>	12', with zinc die-cast plugs	*
<b>31-4623</b>	15', with zinc die-cast plugs	*

- For auxiliary applications
- Brown and green wires are not twisted
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Good recoil memory, chemical and abrasion resistance
- Male ground pin to prevent misconnections
- Heavy duty, reinforced zinc die-cast plugs

**Straight STA-DRY® QCMS2™****1/8, 2/10 & 4/12 ga. ABS Applications**

Part No.	Description	
<b>30-2055</b>	12', with QCMS2™ with QCP™	
<b>30-2075</b>	15', with QCMS2™ with QCP™	
<b>30-2095</b>	20', with QCMS2™ with QCP™	

- A tight STA-DRY® seal locks out road contaminants, completely stopping the devastating effects of corrosion
- Plugs directly to the tractor and is rarely removed, further reducing the possibility of contaminants entering the electrical system
- QCP™ cartridge is field replaceable in under two minutes!
- Works with the QCS® or QCS2® boot, eliminating the need for a socket
- Built-in theft deterrent
- ABS LECTRAFLEX™ jacketing
- Flexible from -40°F to 150°F (-40°C to 66°C)
- Available in 3-IN-1 and 4-IN-1 assemblies
- Patent No. 6,483,200

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

### Straight ABS LECTRAFLEX™

**1/8, 2/10 & 4/12 ga. ABS Applications**

**QCP™ (Quick-Change Plug)**

Part No.	Description
30-2054	12', with QCP™
30-2074	15', with QCP™
30-2094	20', with QCP™

**WEATHER-TITE™ PERMAPLUG™**

Part No.	Description
30-2010	8', with WEATHER-TITE™ PERMAPLUGS™
30-2030	10', with WEATHER-TITE™ PERMAPLUGS™
30-2050	12', with WEATHER-TITE™ PERMAPLUGS™
30-2070	15', with WEATHER-TITE™ PERMAPLUGS™

**Zinc Die-Cast Plug**

Part No.	Description
30-2011	8', with zinc die-cast plugs
30-2031	10', with zinc die-cast plugs
30-2051	12', with zinc die-cast plugs
30-2071	15', with zinc die-cast plugs
30-2091	20', with zinc die-cast plugs



- Spring-wrapped compression contact pins
- Chemical and abrasion resistant
- QCP™ cartridge is field replaceable in under two minutes!
- The WEATHER-TITE™ PERMAPLUG™ seal blocks contaminants from entering the electrical system
- Flexible from -40°F to 150°F (-40°C to 66°C)
- Available in 3-IN-1 and 4-IN-1 assemblies

### Straight NON-ABS DURAFLEX™

**1/10 & 6/12 ga. NON-ABS Applications**

Part No.	Description
22-2011	8', with zinc die-cast plugs
22-2031	10', with zinc die-cast plugs
22-2051	12', with zinc die-cast plugs
22-2071	15', with zinc die-cast plugs

- Chemical and abrasion resistant
- Heavy duty, reinforced zinc die-cast housing
- Spring-wrapped compression contact pins
- Flexible from -40°F to 150°F (-40°C to 66°C)
- Available in 3-IN-1 and 4-IN-1 assemblies



### Straight M7

**1/8, 2/10 & 4/12 ga. ABS Applications**

Part No.	Description
30-2057	12', straight, with molded plugs *
30-2077	15', straight, with molded plugs *

**1/10 & 6/12 ga. NON-ABS Applications**

Part No.	Description
22-2057	12', straight, with molded plugs *
22-2077	15', straight, with molded plugs *

- The M7, or Molded 7-way electrical assembly, features plugs that are unbreakable and completely molded to the electrical cable to combat against the devastating effects of corrosion!
- Jacketing is flexible from -40°F to 150°F (-40°C to 66°C)
- ABS cables feature an army green colored jacketing
- Good chemical and abrasion resistance
- Plug meets SAE J560 standards



\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

## Straight ISOFLEX™



### 1/8, 2/10 & 4/12 ga. ISO Applications

Part No.	Description
31-2033	10', with zinc die-cast plugs
31-2053	12', with zinc die-cast plugs
31-2073	15', with zinc die-cast plugs
31-2093	20', with zinc die-cast plugs

- Good chemical and abrasion resistance
- Heavy duty, reinforced zinc die-cast housing
- Flexible from -40°F to 150°F (-40°C to 66°C)
- Available in 4-IN-1 assemblies
- For auxiliary applications
- Twisted pair brown and green wires to reduce signal
- Spring-wrapped compression contact pins

## DOLLY CABLES

### 'Y' Dolly Cables



Zinc Die-Cast Plug

### 1/8, 2/10 & 4/12 ga. ABS Applications

Part No.	Description	
30-4140	10', 'Y' dolly cable, with WEATHER-TITE™ PERMAPLUGS™	*
30-4141	10', 'Y' dolly cable, with zinc die-cast plugs	*

- For trailer doubles utilizing dolly applications
- Connect electricals to the second trailer and dolly with one cable
- Recommended for ABS applications
- ABS PERMACOIL™ jacketing flexible from -87°F to 150°F (-66°C to 66°C)
- Good recoil memory, chemical and abrasion resistance
- WEATHER-TITE™ PERMAPLUG™ seal blocks all contaminants from entering the electrical system, creating a complete seal!
- Plugs meet SAE J560 specifications

## LIGHT DUTY CABLES

### STA-DRY® 6 & 4-Way Light Duty Cables



Molded plug for long life!

### Coiled

6-Way	4-Way	Description	
19-6708	19-4708	8', with THERMOSEALED™ plugs	*
19-6710	19-4710	10', with THERMOSEALED™ plugs	*
19-6712	19-4712	12', with THERMOSEALED™ plugs	*
19-6715	19-4715	15', with THERMOSEALED™ plugs	*

### Straight

6-Way	4-Way	Description	
19-6006	19-4006	6', with THERMOSEALED™ plugs	<b>NEW</b>
19-6008	19-4008	8', with THERMOSEALED™ plugs	<b>NEW</b>
19-6010	19-4010	10', with THERMOSEALED™ plugs	<b>NEW</b>
19-6012	19-4012	12', with THERMOSEALED™ plugs	<b>NEW</b>
19-6015	19-4015	15', with THERMOSEALED™ plugs	<b>NEW</b>
19-6020	19-4020	20', with THERMOSEALED™ plugs	<b>NEW</b>

- For light duty towing applications such as boats and utility trailers
- Plugs are molded for moisture and corrosion resistance
- Coiled cables have the same heavy duty jacket as our PERMACOIL™ and ABS PERMACOIL™
- Flexible from -87°F to 150°F (-66°C to 66°C)
- 16 ga. wires

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

**7-Way Light Duty PERMACOIL™****1/14 & 6/16 ga. Fine Stranded Copper**

Part No.	Description
<b>19-7752</b>	11.5', with PERMAPLUGS™ *

- Light duty 7-way accessory cable for truck mounted applications such as forklifts
- Capable of running stop, turn and tail lights
- 360° compression ring secures PERMAPLUG™ to cable and eliminates moisture and corrosion
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Good recoil memory, chemical and abrasion resistance
- Meets ISO 1185 and ISO 4141 specifications

**STA-DRY® WEATHER-TITE™ M2 LIFTGATE CHARGING CABLES**

- For dual pole liftgate applications utilizing a trailer battery pack
- Features plugs that are unbreakable with non-corrosive housing which are completely molded to the electrical cable to combat against corrosion
- The WEATHER-TITE™ seal adds additional corrosion protection at the front of the plug by blocking moisture and contaminants from entering the electrical system through the coupled connection
- 100 amp continuous capacity, 200 amp intermittent capacity
- Flexible from - 82°F to 195°F (- 63°C to 91°C)
- Meets J3082 standards

**Coiled Dual Pole WEATHER-TITE™ M2 - 4 GA.****2/4 ga. Fine Stranded Copper**

Part No.	Description
<b>23-23276</b>	12', 1 ground, 1 hot, 4 ga.
<b>23-26276</b>	15', 1 ground, 1 hot, 4 ga.
<b>23-29276</b>	15' with 48" lead, 1 ground, 1 hot, 4 ga.

- Excellent recoil memory, chemical and abrasion resistance

**Coiled Dual Pole WEATHER-TITE™ M2 - 2 GA.****2/2 ga. Fine Stranded Copper**

Part No.	Description
<b>25-23276</b>	12', 1 ground, 1 hot, 2 ga.
<b>25-26276</b>	15', 1 ground, 1 hot, 2 ga.
<b>25-29276</b>	15' with 48" lead, 1 ground, 1 hot, 2 ga.

- Excellent recoil memory, chemical and abrasion resistance



\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

## Straight Dual Pole WEATHER-TITE™ M2 - 4 GA.



2/4 ga. Fine Stranded Copper	
Part No.	Description
23-22576	12', 1 ground, 1 hot, 4 ga.
23-22776	15', 1 ground, 1 hot, 4 ga.

- Good chemical and abrasion resistance

## Straight Dual Pole WEATHER-TITE™ M2 - 2 GA.



2/4 ga. Fine Stranded Copper	
Part No.	Description
25-22576	12', 1 ground, 1 hot, 2 ga.
25-22776	15', 1 ground, 1 hot, 2 ga.

- Good chemical and abrasion resistance

# ZINC DIE-CAST LIFTGATE CHARGING CABLES

- For liftgate applications utilizing a trailer battery pack
- 4 ga. fine stranded copper for flexibility
- 100 amp continuous capacity; 200 amp intermittent capacity

## Dual Pole



2/4 ga. Fine Stranded Copper	
Part No.	Description
23-2326	12', 1 ground, 1 hot *
23-2626	15', 1 ground, 1 hot *
23-2926	15', 48" lead, 1 ground, 1 hot *

- Excellent recoil memory, chemical and abrasion resistance
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Internal ground to improve ground connections
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads
- Heavy duty, reinforced zinc die-cast housing
- Mates with dual pole metal socket 15-326

## Dual Pole PERMACOIL™



2/4 ga. Fine Stranded Copper	
Part No.	Description
23-2316	12', 1 ground, 1 hot *
23-2616	15', 1 ground, 1 hot *
23-2916	15', 40" lead, 1 ground, 1 hot *

- Good recoil memory, chemical and abrasion resistance
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Internal ground to improve ground connections
- Mates with dual pole metal socket 15-326
- Same heavy duty jacket as our PERMACOIL™ and ABS PERMACOIL™
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

## Dual Pole "Y" Adapter

### 2/4 ga. Fine Stranded Copper

Part No.	Description
<b>23-2630</b>	15', 48" and 24" leads, 1 ground, 1 hot *

- For fleets with single and dual pole trailers
- Allows dual pole tractor to connect to single or dual pole trailer
- Coil has dual pole tractor side and dual and single pole plug trailer side
- Excellent recoil memory, chemical and abrasion resistance
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Heavy duty, reinforced zinc die-cast housing
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads



## Dual Pole to Single Pole Lead

### 2/4 ga. Fine Stranded Copper

Part No.	Description
<b>23-2628</b>	15', 1 ground, 1 hot *

- Coil has one dual pole and one single pole plug
- Excellent recoil memory, chemical and abrasion resistance
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Heavy duty, reinforced zinc die-cast housing



### 1/4 ga. Fine Stranded Copper

Part No.	Description
<b>23-4325</b>	12', 1 hot *
<b>23-4625</b>	15', 1 hot *
<b>23-4925</b>	15', with 48" lead, 1 hot *

- Good recoil memory, chemical and abrasion resistance
- Flexible from -87°F to 150°F (-66°C to 66°C)
- Heavy duty, reinforced zinc die-cast housing
- Mates with single pole metal socket 15-320
- As a recommended practice, use a tracker bar spring kit or pogo stick to support cable assemblies with longer leads



## Single Pole

## Straight - Single Pole

### 1/4 ga. Fine Stranded Copper

Part No.	Description
<b>23-2051</b>	12', 1 hot
<b>23-2071</b>	15', 1 hot
<b>23-2091</b>	20', 1 hot

- Good chemical and abrasion resistance
- Heavy duty, reinforced zinc die-cast plugs
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Mates with 15-320 socket
- Available in 4-IN-1 applications



\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

## Straight - Dual Pole



### 2/4 ga. Fine Stranded Copper

Part No.	Description
23-2251	12', 1 ground, 1 hot
23-2271	15', 1 ground, 1 hot

- Good chemical and abrasion resistance
- Internal ground to improve ground connection
- Heavy duty, reinforced zinc die-cast plugs
- Flexible from -82°F to 195°F (-63°C to 91°C)
- Mates with 15-326 socket
- Available in 4-IN-1 applications

## AUXILIARY VERTICAL DUAL POLE CABLES

- For auxiliary applications such as tarps, utilizing a trailer battery pack
- Pins are offset allowing for initial ground contact, preventing the potential for arcing
- Made with either 4 ga. or 6 ga. fine stranded copper for flexibility
- Internal ground to improve ground connections
- Heavy duty, reinforced zinc die-cast plugs
- Mates with vertical dual pole metal socket 15-328
- Meets J3082 standards

### Vertical Dual Pole - 4 Ga.



### 2/4 ga. Fine Stranded Copper

Part No.	Description
23-2329	12', 1 ground, 1 hot, 4 ga. *
23-2629	15', 1 ground, 1 hot, 4 ga. *
23-2929	15', with 48" lead, 1 ground, 1 hot, 4 ga. *

- Excellent recoil memory, chemical and abrasion resistance
- Flexible from -82°F to 195°F (-63°C to 91°C)
- 100 amp continuous capacity; 200 amp intermittent capacity

### Vertical Dual Pole PERMACOIL™ - 4 Ga.



### 2/4 ga. Fine Stranded Copper

Part No.	Description
23-4329	12', 1 ground, 1 hot, 4 ga. *
23-4629	15', 1 ground, 1 hot, 4 ga. *
23-4929	15', with 48" lead, 1 ground, 1 hot, 4 ga. *

- Good recoil memory, chemical and abrasion resistance
- Flexible from -87°F to 150°F (-66°C to 66°C)
- 100 amp continuous capacity; 200 amp intermittent capacity
- Same heavy duty jacket as our PERMACOIL™ and ABS PERMACOIL™

### Vertical Dual Pole - 6 Ga.



### 2/6 ga. Fine Stranded Copper

Part No.	Description
21-2329	12', 1 ground, 1 hot, 6 ga. *
21-2629	15', 1 ground, 1 hot, 6 ga. *
21-2929	15', with 48" lead, 1 ground, 1 hot, 6 ga. *

- Excellent recoil memory, chemical and abrasion resistance
- Flexible from -82°F to 195°F (-63°C to 91°C)
- 70 amp continuous capacity; 130 amp intermittent capacity

\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

**Vertical Dual Pole PERMACOIL™ - 6 Ga.**

2/6 ga. Fine Stranded Copper		
Part No.	Description	
21-4329	12', 1 ground, 1 hot, 6 ga.	*
21-4629	15', 1 ground, 1 hot, 6 ga.	*
21-4929	15', with 48" lead, 1 ground, 1 hot, 6 ga.	*

- Good recoil memory, chemical and abrasion resistance
- Flexible from -87°F to 150°F (-66°C to 66°C)
- 70 amp continuous capacity; 130 amp intermittent capacity
- Same heavy duty jacket as our PERMACOIL™ and ABS PERMACOIL™

**Straight - Vertical Dual Pole - 4 Ga.**

2/4 ga. Fine Stranded Copper		
Part No.	Description	
23-2232	10', 1 ground, 1 hot, 4 ga.	
23-2252	12', 1 ground, 1 hot, 4 ga.	
23-2272	15', 1 ground, 1 hot, 4 ga.	
23-2292	20', 1 ground, 1 hot, 4 ga.	

- Good chemical and abrasion resistance
- 100 amp continuous capacity; 200 amp intermittent capacity

**Straight - Vertical Dual Pole - 6 Ga.**

2/6 ga. Fine Stranded Copper		
Part No.	Description	
21-2232	10', 1 ground, 1 hot, 6 ga.	
21-2252	12', 1 ground, 1 hot, 6 ga.	
21-2272	15', 1 ground, 1 hot, 6 ga.	
21-2292	20', 1 ground, 1 hot, 6 ga.	

- Good chemical and abrasion resistance
- 70 amp continuous capacity; 130 amp intermittent capacity



\* Working length - As measured by pull force per SAE J2222. Length of actual cable is significantly longer.

# KIT

## Liftgate Dual Pole Installation/Conversion Kit



- Improve conductivity with a dual pole charge set-up
- Dual pole sockets offer a secure ground that a 5th wheel does not
- Kit is available with or without 150 amp circuit breakers

Part No.	Description
15-327	Liftgate dual pole conversion kit
15-327-150	Liftgate dual pole conversion kit with 150 amp circuit breakers

Kit Contents		
Part No.	Description	Qty.
3-503-010	4 ga. red battery cable	10 feet
3-504-010	4 ga. black battery cable	10 feet
5-712*	7/16" (center hole) grommet for battery box	1
5-45074*	7/16" rubber cushion clamps, with 3/8" mounting hole	20
6-404*	1-2/0 ga. heavy dual wall heat shrink tubing, black, 1.5"	2
6-405*	1-2/0 ga. heavy dual wall heat shrink tubing, red, 1.5"	2
8-4121*	4 ga. x 1/4" tin-plated copper lug	4
8-4122*	4 ga. x 5/16" tin-plated copper lug	4
8-4123*	4 ga. x 3/8" tin-plated copper lug	2
15-326*	Dual pole socket	1
15-740*	Boot - 7-pin socket	1
15-784*	Flat mounting bracket	1
15-798*	Mounting gasket - 2 hole mount socket	1
17-154*	QWIK-SNAP™ 4-hose holder	1
23-2626*	15' dual pole coiled cable	1
53-515*	150 amp high capacity circuit breakers (included with 15-327-150 only)	1
80-250*	Dielectric grease tubes, 6 grams	2

\*Part number quantities listed in the kit break standard pack. If part number is ordered separately outside of the kit, additional quantities will be received.

# ELECTRICAL & AIR COMBO ASSEMBLIES

## 3-IN-1 & 4-IN-1

Hanging clamp and stainless steel clip for easy installation (P/N 5-5018)

Outstanding kink and abrasion resistance

**PHILIPS**  
**3-IN-1 ELECTRICAL & AIR**  
www.phillipsind.com

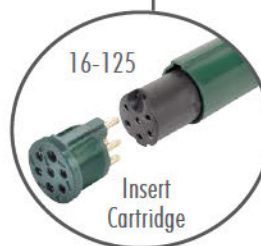
Spiral wrapped for an organized, clean look

Tractor end swivel brass fittings

Large grips for easy coupling/uncoupling leverage and acts as strain relief

Connects to the QCS2® creating a tight STA-DRY® seal that locks out moisture and contaminants

**NOW WITH  
RED AND BLUE  
RUBBER AIR LINES!**



**QCP™**  
(Quick-Change Plug)  
cartridge is field replaceable  
in under two minutes

# ELECTRICAL & AIR COMBO ASSEMBLIES

## ALL ASSEMBLIES

- Spiral wrapped for a clean organized look
- Outstanding kink and abrasion resistance
- Includes hanging clamp and clip for easy installation (P/N 5-5018)

## ELECTRICAL

### ABS LECTRAFLEX™ & NON-ABS DURAFLEX™\*

- Spring-wrapped compression contact pins\*  
Chemical and abrasion resistant

### Liftgate Charging Cable

- For liftgate applications
- 100 amp continuous capacity, 200 amp intermittent capacity

### ISOFLEX™ Cable

- For auxiliary applications
- Twisted pair of brown and green wires reduces signal noise

## AIR

### Rubber Air Lines

- Large red and blue handle grips for easy coupling/uncoupling and hose support
- Tractor end includes swivel fitting for easy installation
- Provides excellent abrasion resistance and resists cracking, kinking and weathering
- Air lines are color coded red and blue to denote emergency and service\*

\*With exception to all M7 assemblies

## 3-IN-1 Electrical & Air Assemblies



### Straight DURAFLEX™ 1/10 & 6/12 ga. NON-ABS Applications

#### Zinc Die-Cast Plug

Part No.	Description
22-2151	12', NON-ABS with zinc die-cast plugs, rubber air lines
22-2171	15', NON-ABS with zinc die-cast plugs, rubber air lines

### Straight LECTRAFLEX™ 1/8, 2/10 & 4/12 ga. ABS Applications

#### QCMS2™ and QCP™ (Quick-Change Plug)

Part No.	Description
30-2155	12', ABS with QCMS2™ and QCP™, rubber air lines
30-2175	15', ABS with QCMS2™ and QCP™, rubber air lines
30-2195	20', ABS with QCMS2™ and QCP™, rubber air lines

#### QCP™ (Quick-Change Plug)

Part No.	Description
30-2154	12', ABS with QCP™, rubber air lines
30-2174	15', ABS with QCP™, rubber air lines
30-2194	20', ABS with QCP™, rubber air lines

#### WEATHER-TITE™ PERMAPLUG™

Part No.	Description
30-2150	12', ABS with WEATHER-TITE™ PERMAPLUGS™, rubber air lines
30-2170	15', ABS with WEATHER-TITE™ PERMAPLUGS™, rubber air lines
30-2190	20', ABS with WEATHER-TITE™ PERMAPLUGS™, rubber air lines

#### Zinc Die-Cast Plug

Part No.	Description
30-2151	12', ABS with zinc die-cast plugs, rubber air lines
30-2171	15', ABS with zinc die-cast plugs, rubber air lines
30-2191	20', ABS with zinc die-cast plugs, rubber air lines

### 1/8, 2/10 & 4/12 ga. ABS Application

#### M7 (Molded 7-Way)

Part No.	Description	
30-1157	12', ABS with M7 plugs, black rubber air lines	<b>NEW</b>
30-1177	15', ABS with M7 plugs, black rubber air lines	<b>NEW</b>

## PLUGS



QCMS2™ connects to QCS2®

### QCMS2™

- Connects to the QCS2® creating a tight STA-DRY® seal that locks out moisture and contaminants, stopping the devastating effects of corrosion



QCP™ (Quick-Change Plug)

### QCP™ (Quick-Change Plug)

- Reduces maintenance time
- Cartridge is field replaceable in under two minutes



WEATHER-TITE™ PERMAPLUG™

### WEATHER-TITE™ PERMAPLUG™

- The WEATHER-TITE™ seal resists water and contaminants from entering the electrical system creating a complete seal!



M7

### M7 (Molded 7-Way)

- Unbreakable and corrosion resistant
- Completely molded to the cable to prevent water intrusion at the back of the plug



Zinc Die-Cast Plug

### Zinc Die-Cast

- Heavy duty reinforced zinc die-cast housing for durability

## 4-IN-1 Electrical & Air Assemblies - With Single Pole

### Straight LECTRAFLEX™ 1/8, 2/10 & 4/12 ga. ABS Applications

#### QCMS2™ and QCP™ (Quick-Change Plug)

Part No.	Description
30-2259	12', ABS with (1) QCMS2™ and (1) QCP™, single pole, rubber air lines
30-2279	15', ABS with (1) QCMS2™ and (1) QCP™, single pole, rubber air lines
30-2299	20', ABS with (1) QCMS2™ and (1) QCP™, single pole, rubber air lines

#### QCP™ (Quick-Change Plugs)

Part No.	Description
30-2254	12', ABS with QCP™, single pole, rubber air lines
30-2274	15', ABS with QCP™, single pole, rubber air lines
30-2294	20', ABS with QCP™, single pole, rubber air lines

#### WEATHER-TITE™ PERMAPLUGS™

Part No.	Description
30-2250	12', ABS with WEATHER-TITE™ PERMAPLUGS™, single pole, rubber air lines
30-2270	15', ABS with WEATHER-TITE™ PERMAPLUGS™, single pole, rubber air lines
30-2290	20', ABS with WEATHER-TITE™ PERMAPLUGS™, single pole, rubber air lines

#### Zinc Die-Cast Plugs

Part No.	Description
30-2251	12', ABS with zinc die-cast plugs, single pole, rubber air lines
30-2271	15', ABS with zinc die-cast plugs, single pole, rubber air lines
30-2291	20', ABS with zinc die-cast plugs, single pole, rubber air lines



### PLUGS



QCMS2™ connects to QCS2®

- QCMS2™**
- Connects to the QCS2® creating a tight STA-DRY® seal that locks out moisture and contaminants, stopping the devastating effects of corrosion



QCP™  
(Quick-Change Plug)

- QCP™ (Quick-Change Plug)**
- Reduces maintenance time
  - Cartridge is field replaceable in under two minutes



WEATHER-TITE™  
PERMAPLUG™

- WEATHER-TITE™ PERMAPLUG™**
- The WEATHER-TITE™ seal resists water and contaminants from entering the electrical system creating a complete seal!



Zinc Die-Cast Plug

- Zinc Die-Cast**
- Heavy duty reinforced zinc die-cast housing for durability

## 4-IN-1 Electrical & Air Assemblies - With Dual Pole



### PLUGS



QCMS2™ connects to QCS2®

#### QCMS2™

- Connects to the QCS2® creating a tight STA-DRY® seal that locks out moisture and contaminants, stopping the devastating effects of corrosion



QCP™ (Quick-Change Plug)

#### QCP™ (Quick-Change Plug)

- Reduces maintenance time
- Cartridge is field replaceable in under two minutes



WEATHER-TITE™ PERMAPLUG™

#### WEATHER-TITE™ PERMAPLUG™

- The WEATHER-TITE™ seal resists water and contaminants from entering the electrical system creating a complete seal!



Zinc Die-Cast Plug

#### Zinc Die-Cast

- Heavy duty reinforced zinc die-cast housing for durability

### Straight LECTRAFLEX™ 1/8, 2/10 & 4/12 ga. ABS Applications

#### QCMS2™ and QCP™ (Quick-Change Plug)

Part No.	Description
30-2255	12', ABS with (1) QCMS2™ and (1) QCP™, dual pole, rubber air lines
30-2275	15', ABS with (1) QCMS2™ and (1) QCP™, dual pole, rubber air lines
30-2295	20', ABS with (1) QCMS2™ and (1) QCP™, dual pole, rubber air lines

#### QCP™ (Quick-Change Plugs)

Part No.	Description
30-2257	12', ABS with QCP™, dual pole, rubber air lines
30-2277	15', ABS with QCP™, dual pole, rubber air lines
30-2297	20', ABS with QCP™, dual pole, rubber air lines

#### WEATHER-TITE™ PERMAPLUGS™

Part No.	Description
30-2256	12', ABS with WEATHER-TITE™ PERMAPLUGS™, dual pole, rubber air lines
30-2276	15', ABS with WEATHER-TITE™ PERMAPLUGS™, dual pole, rubber air lines
30-2296	20', ABS with WEATHER-TITE™ PERMAPLUGS™, dual pole, rubber air lines

#### Zinc Die-Cast Plugs

Part No.	Description
30-2252	12', ABS with zinc die-cast plugs, dual pole, rubber air lines
30-2272	15', ABS with zinc die-cast plugs, dual pole, rubber air lines
30-2292	20', ABS with zinc die-cast plugs, dual pole, rubber air lines

## 4-IN-1 Electrical & Air Assemblies - With ISOFLEX™



### 1/8, 2/10 & 4/12 ga. ISO Applications

#### Straight ABS LECTRAFLEX™ 1/8, 2/10 & 4/12 ga. with Zinc Die-Cast Plugs

Part No.	Description
30-2253	12', ABS with zinc die-cast plugs, ISOFLEX™, rubber air lines
30-2273	15', ABS with zinc die-cast plugs, ISOFLEX™, rubber air lines
30-2293	20', ABS with zinc die-cast plugs, ISOFLEX™, rubber air lines

- ISOFLEX™ cable offers a twisted pair of brown and green wires to reduce radio noise for auxiliary connections
- Heavy duty reinforced zinc die-cast plugs