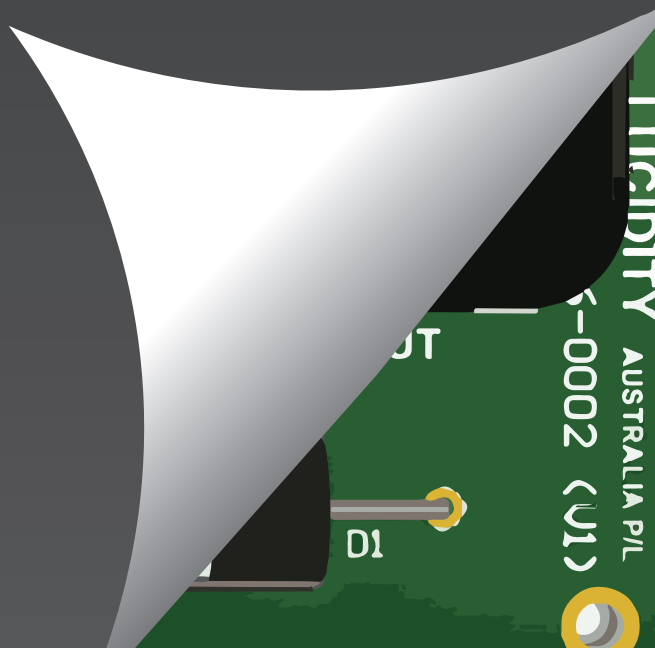




Our vision, your safety



Integrated Distribution Module

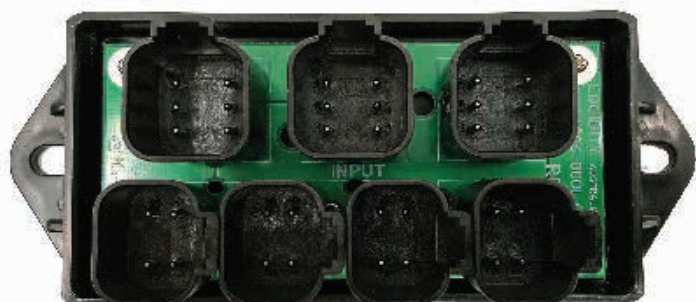


The Integrated Distribution Module (IDM) is designed and manufactured in Australia, for Australia's harsh transport environment. The Lucidity plug-and-play design is suitable for Dangerous Goods applications. The core engineering principle driving the development of the IDM was to enhance reliability with flexibility and functionality. With 30 years of transport industry expertise, Lucidity once again deliver another innovative solution to the industry.

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Tail Lighting Adaptor

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Tail Gate Adaptor with Worklight Switch Input

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Rear Bumper Lighting Including Reverse

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4 Way Distribution

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Left or Right Rear Bumper Lighting
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Left or Right Rear Lighting
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6 Way Distribution
Page 16-17



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Switch Interface
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Universal Bumper Lighting
Page 20-21



3970042

Tail Lighting Adaptor

Input:

6W (Ground, Stop, Park, Indicator, Reverse, NC)

Output:

2 x 6W (Ground, Stop, Park, Indicator, Reverse, NC)

4 x 4W (Ground, Stop, Park, Reverse)

CN3

1 = PARK
2 = STOP
3 = LEFT INDICATOR
4 = REVERSE
5 = NC
6 = GROUND

CN1

1 = PARK
2 = STOP
3 = RIGHT INDICATOR
4 = REVERSE
5 = LEFT INDICATOR
6 = GROUND

CN2

1 = PARK
2 = STOP
3 = RIGHT INDICATOR
4 = REVERSE
5 = NC
6 = GROUND

CN7

1 = GROUND
2 = PARK
3 = REVERSE
4 = STOP

CN6

1 = GROUND
2 = PARK
3 = REVERSE
4 = STOP

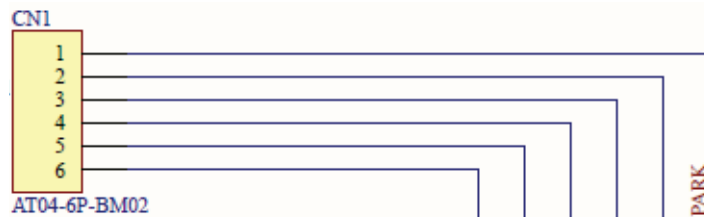
CN5

1 = GROUND
2 = PARK
3 = REVERSE
4 = STOP

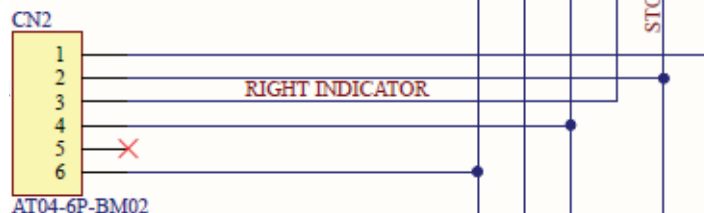
CN4

1 = GROUND
2 = PARK
3 = REVERSE
4 = STOP

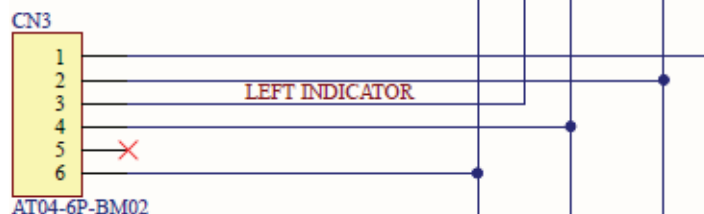
- 1 = Park
2 = Stop
3 = Right Indicator
4 = Reverse
5 = Left Indicator
6 = Ground



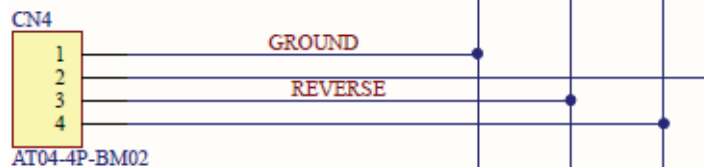
- 1 = Park
2 = Stop
3 = Right Indicator
4 = Reverse
5 = NC
6 = Ground



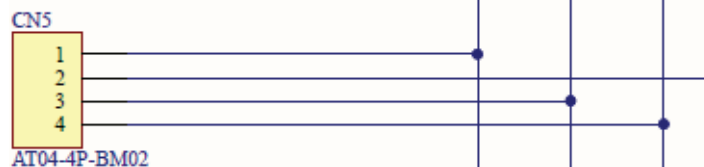
- 1 = Park
2 = Stop
3 = Left Indicator
4 = Reverse
5 = NC
6 = Ground



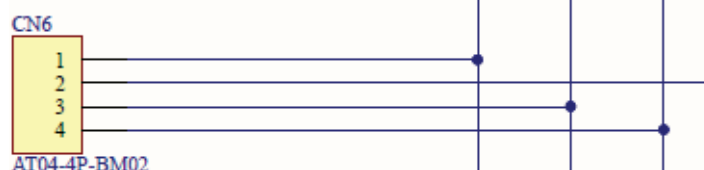
- 1 = Ground
2 = Park
3 = Reverse
4 = Stop



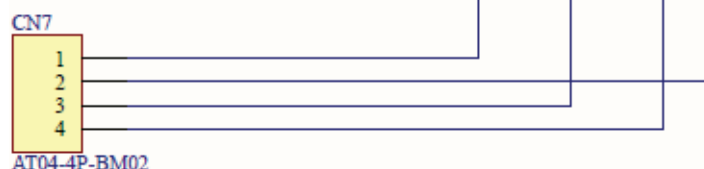
- 1 = Ground
2 = Park
3 = Reverse
4 = Stop



- 1 = Ground
2 = Park
3 = Reverse
4 = Stop



- 1 = Ground
2 = Park
3 = Reverse
4 = Stop



IDM Comes Supplied with Bracket

3970036

Tail Gate Adaptor with Worklight
Switch Input

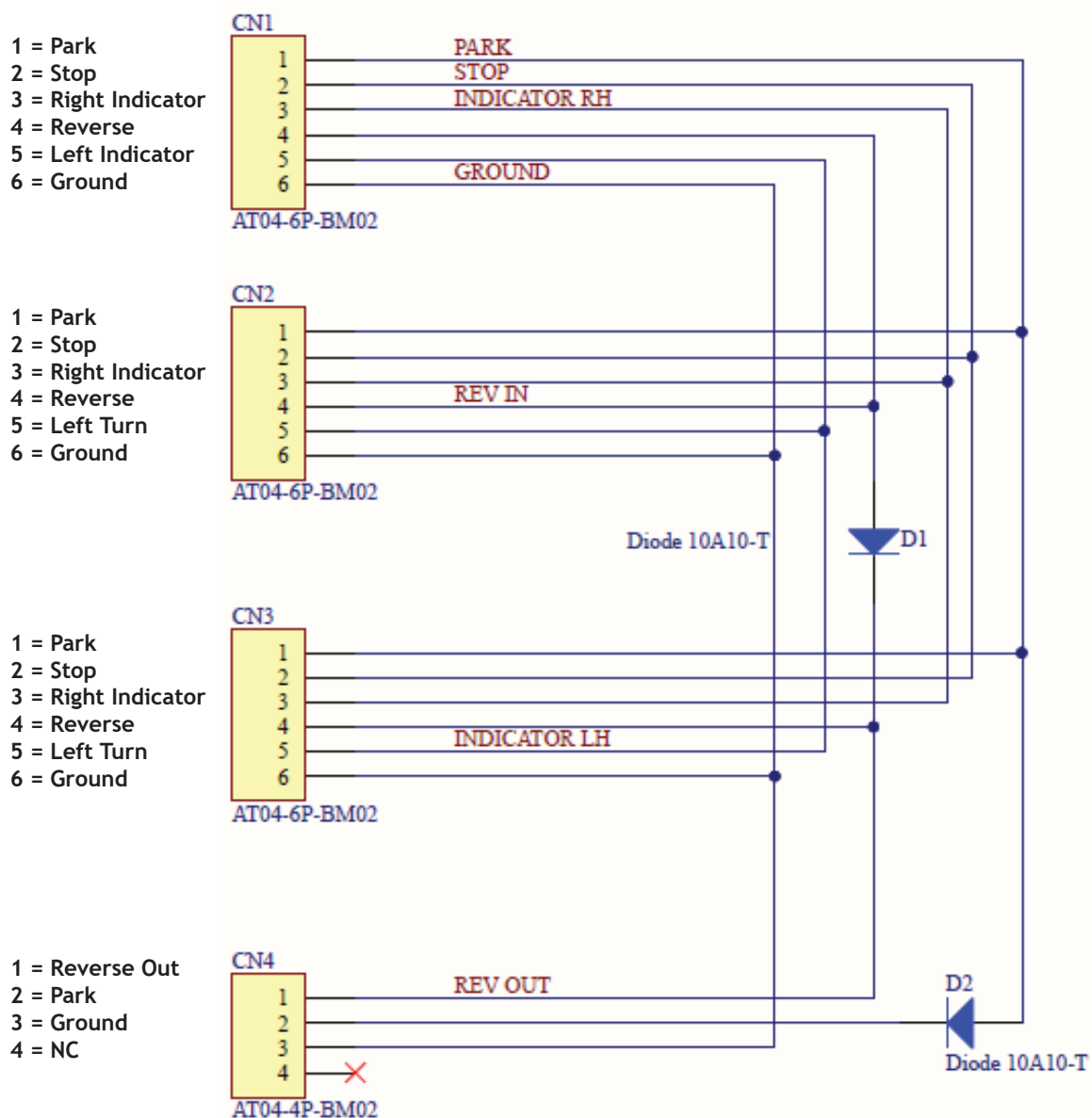
Input: 6W (Ground, Park, Stop, Indicator,
Reverse)

Output: 1 x 4W (Ground, Park, Reverse, NC)
2 x 6W (Ground, Park, Stop, Indicator,
Reverse)

- | CN3 | CN2 | CN1 |
|---------------------|---------------------|---------------------|
| 1 = PARK | 1 = PARK | 1 = PARK |
| 2 = STOP | 2 = STOP | 2 = STOP |
| 3 = RIGHT INDICATOR | 3 = RIGHT INDICATOR | 3 = RIGHT INDICATOR |
| 4 = REVERSE | 4 = REVERSE | 4 = REVERSE |
| 5 = LEFT TURN | 5 = LEFT INDICATOR | 5 = LEFT TURN |
| 6 = GROUND | 6 = GROUND | 6 = GROUND |



- CN4**
- 1 = REVERSE OUT
 - 2 = PARK
 - 3 = GROUND
 - 4 = NC



NOTES:

When using OMP switch 4 way DT to 4 way DT, have the DT 2 way on the switch output with pins 1 & 2 linked together so output is fed back through 4 way DT.



IDM Comes Supplied with Bracket

3970045

Rear Bumper Lighting Including Reverse

Input: 1 x 6W (Ground, Stop, Park, Indicator, Reverse, NC)

Output: 1 x 6W (Ground, Stop, Park, Indicator, Reverse, NC)
2 x 4W (CRN, Park, Stop, Indicator)
1 x 2W (Reverse, Indicator)
1 x 4W (Ground, Park)

CN3

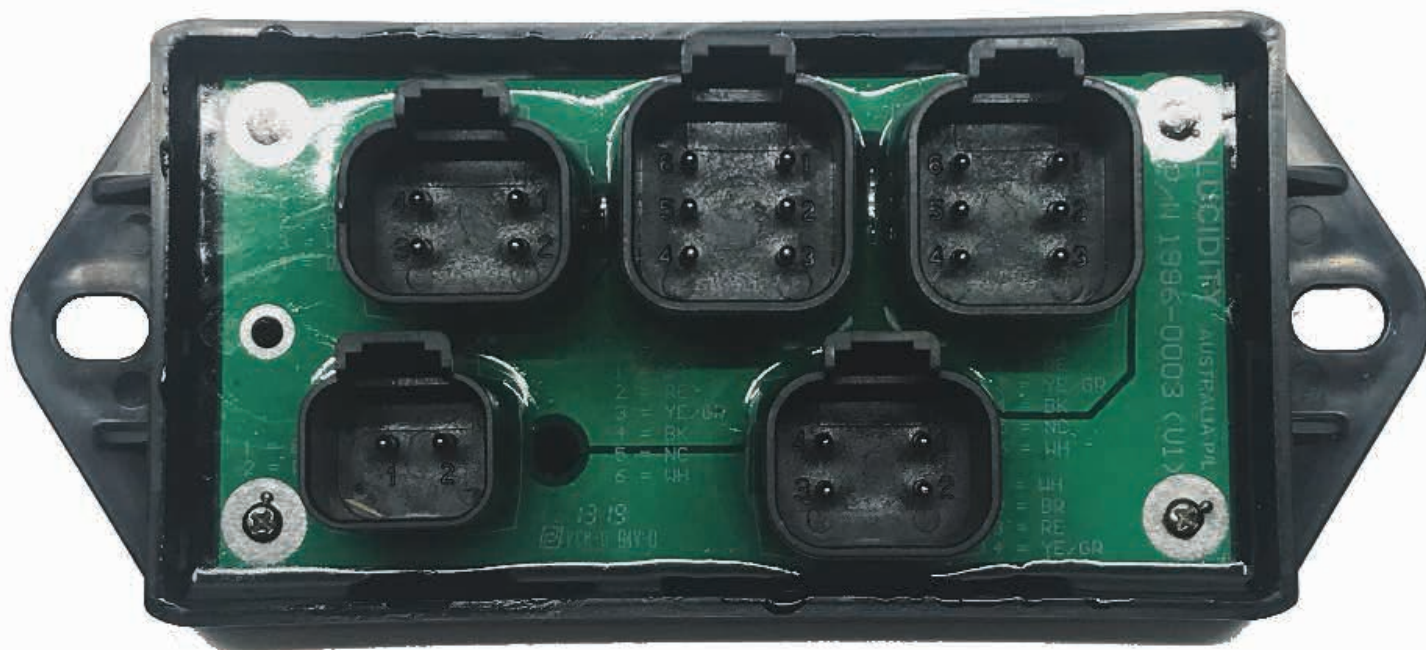
1 = GROUND
2 = PARK
3 = GROUND
4 = PARK

CN1

1 = PARK
2 = STOP
3 = INDICATOR
4 = REVERSE
5 = NC
6 = GROUND

CN2

1 = PARK
2 = STOP
3 = INDICATOR
4 = REVERSE
5 = NC
6 = GROUND



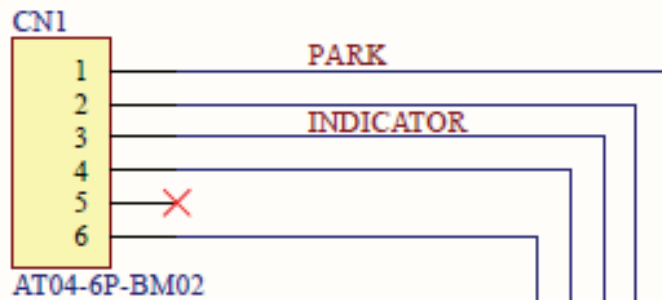
CN5

1 = REVERSE
2 = GROUND

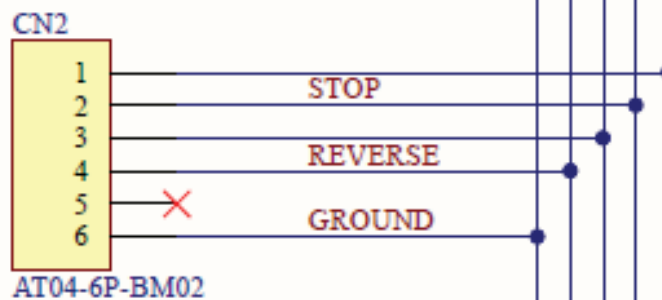
CN4

1 = GROUND
2 = PARK
3 = STOP
4 = INDICATOR

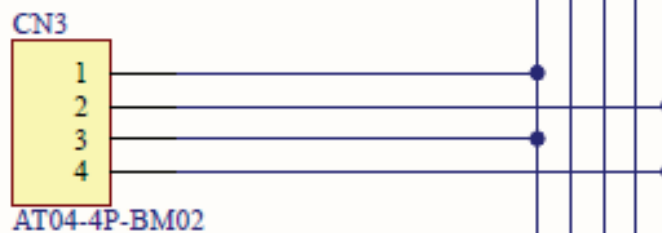
- 1 = Park
2 = Stop
3 = Indicator
4 = Reverse
5 = NC
6 = Ground



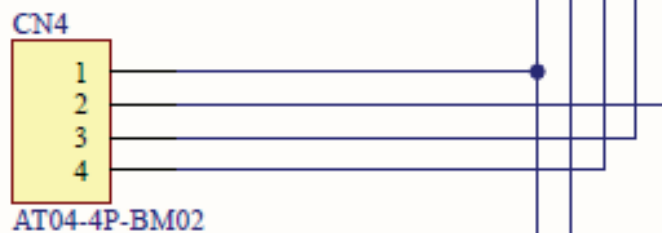
- 1 = Park
2 = Stop
3 = Indicator
4 = Reverse
5 = NC
6 = Ground



- 1 = Ground
2 = Park
3 = Ground
4 = Park



- 1 = Ground
2 = Park
3 = Stop
4 = Indicator



- 1 = Reverse
2 = Ground



IDM Comes Supplied with Bracket

3970033

4 Way Distribution

Input: 1 x 6 x 4W (Ground, Park, Indicator, Stop)

Output: 1 x 6 x 4W (Ground, Park, Indicator, Stop)

CN1

1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP

CN2

1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP

CN3

1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP



CN6

1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP

CN5

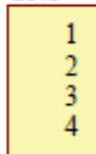
1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP

CN4

1 = GROUND
2 = PARK
3 = INDICATOR
4 = STOP

1 = Ground
2 = Park
3 = Indicator
4 = Stop

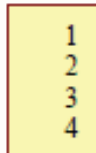
CN1



AT04-4P-BM02

1 = Ground
2 = Park
3 = Indicator
4 = Stop

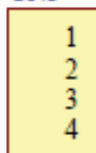
CN2



AT04-4P-BM02

1 = Ground
2 = Park
3 = Indicator
4 = Stop

CN3

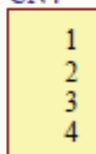


AT04-4P-BM02

GROUND
PARK
INDICATOR 1
STOP

1 = Ground
2 = Park
3 = Indicator
4 = Stop

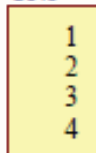
CN4



AT04-4P-BM02

1 = Ground
2 = Park
3 = Indicator
4 = Stop

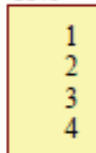
CN5



AT04-4P-BM02

1 = Ground
2 = Park
3 = Indicator
4 = Stop

CN6



AT04-4P-BM02



IDM Comes Supplied with Bracket

3970028

Left or Right Rear Bumper Lighting

Input:

Output:

1 x 6W (Ground, Park, Aux, Stop, Reverse, Indicator)

1 x 4W (Ground, Park, Aux, Reverse)

4 x 4W (Ground, Park, Stop, Indicator)

1 x 2W (Ground, Park)

CN1

- 1 = PARK
- 2 = STOP
- 3 = INDICATOR
- 4 = REVERSE
- 5 = AUX
- 6 = GROUND

CN2

- 1 = GROUND
- 2 = PARK
- 3 = AUX
- 4 = REVERSE

CN3

- 1 = GROUND
- 2 = PARK
- 3 = INDICATOR
- 4 = STOP

CN4

- 1 = GROUND
- 2 = PARK
- 3 = INDICATOR
- 4 = STOP



CN7

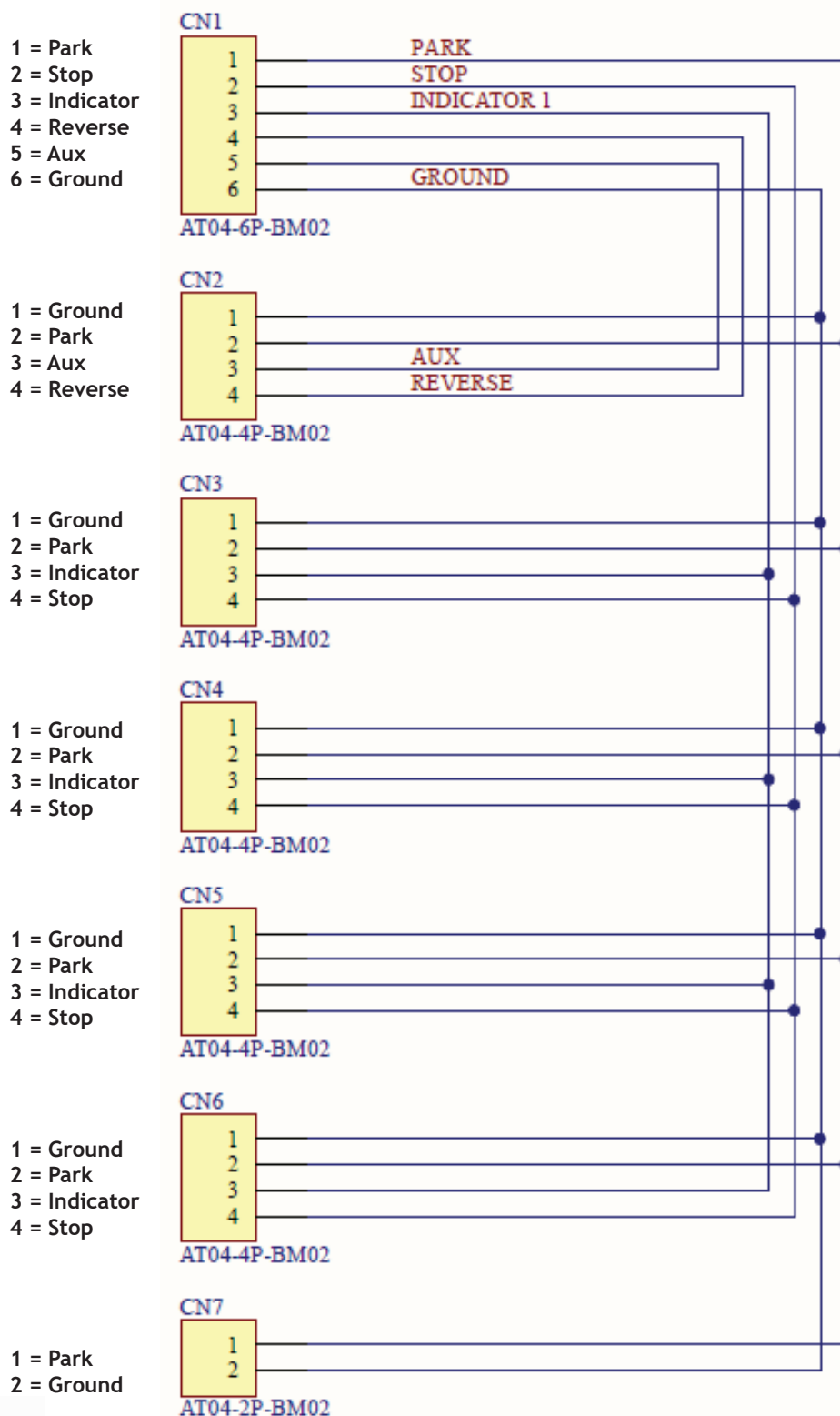
- 1 = PARK
- 2 = GROUND

CN6

- 1 = GROUND
- 2 = PARK
- 3 = INDICATOR
- 4 = STOP

CN5

- 1 = GROUND
- 2 = PARK
- 3 = INDICATOR
- 4 = STOP



IDM Comes Supplied with Bracket

3970044

Left or Right Rear Lighting

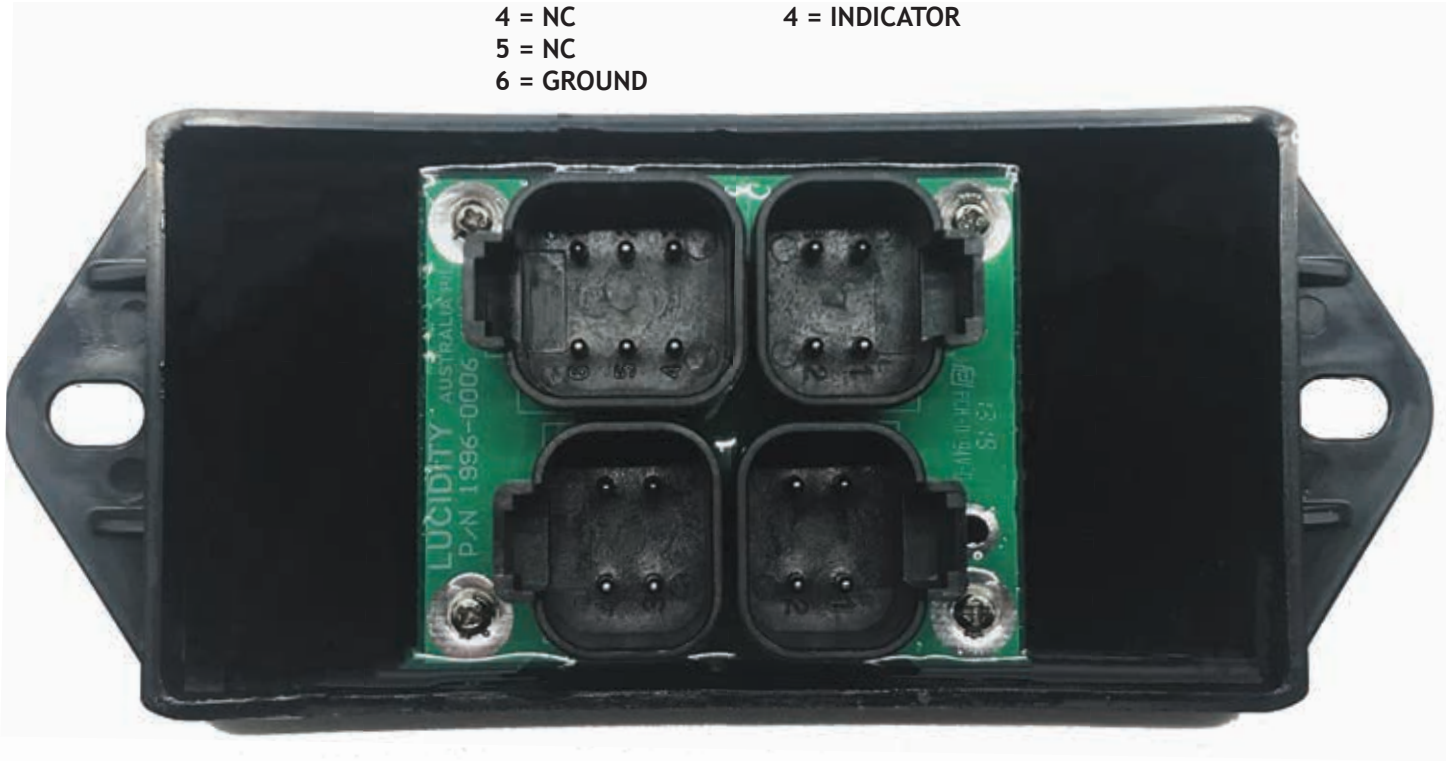
Input: 1 x 6W (Ground, Park, NC, NC, Stop, Indicator)

Output: 2 x 4W (Ground, Park, NC, NC)
1 x 4W (Ground, Park, Stop, Indicator)

- CN1**

 - 1 = PARK
 - 2 = STOP
 - 3 = INDICATOR
 - 4 = NC
 - 5 = NC
 - 6 = GROUND
- CN3**

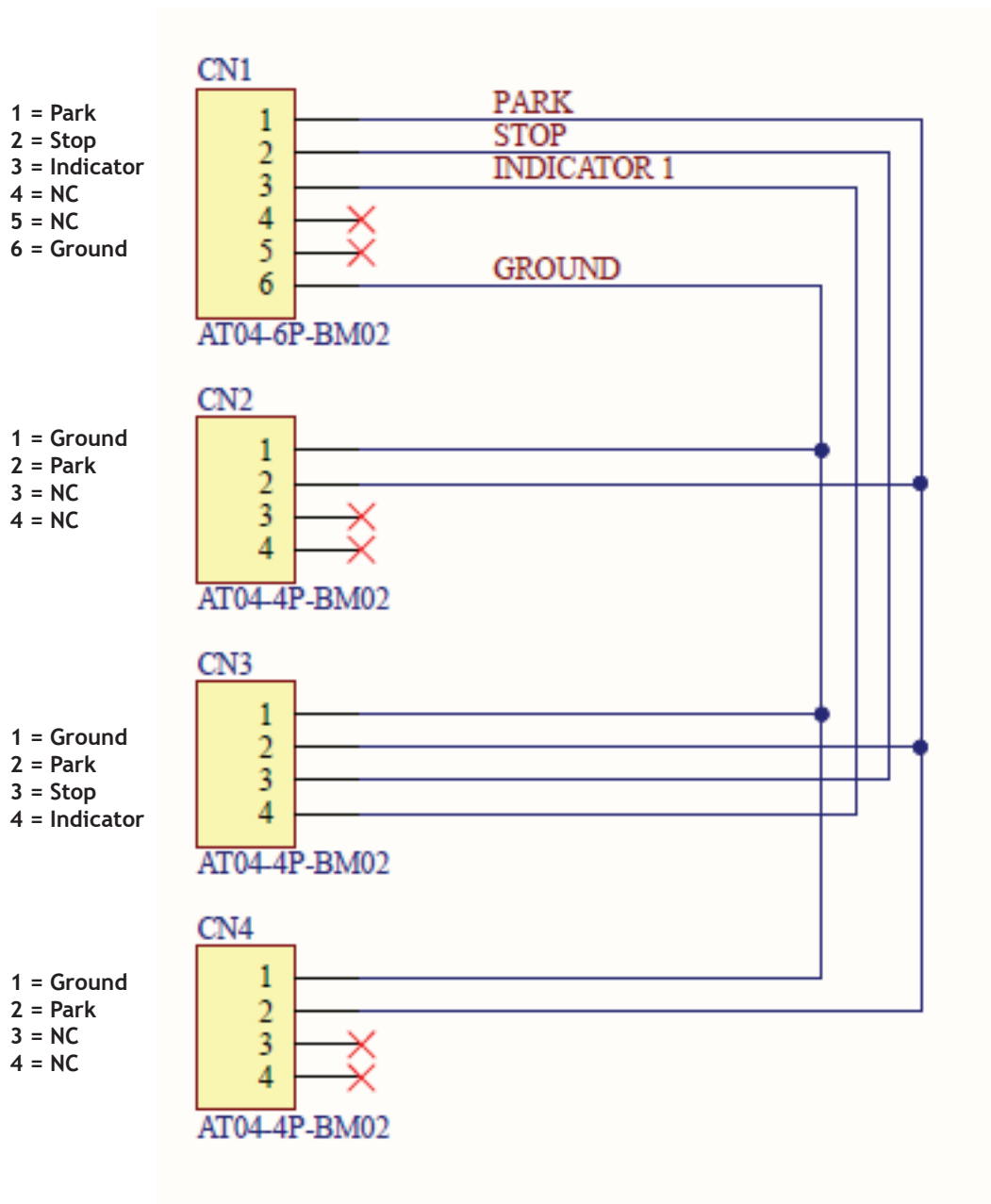
 - 1 = GROUND
 - 2 = PARK
 - 3 = STOP
 - 4 = INDICATOR



- CN4**

 - 1 = GROUND
 - 2 = PARK
 - 3 = NC
 - 4 = NC
- CN2**

 - 1 = GROUND
 - 2 = PARK
 - 3 = NC
 - 4 = NC



IDM Comes Supplied with Bracket

3970034

6 Way Distribution

Input: 1 x 6W (Ground, Park, Stop, Indicator, Reverse, NC)

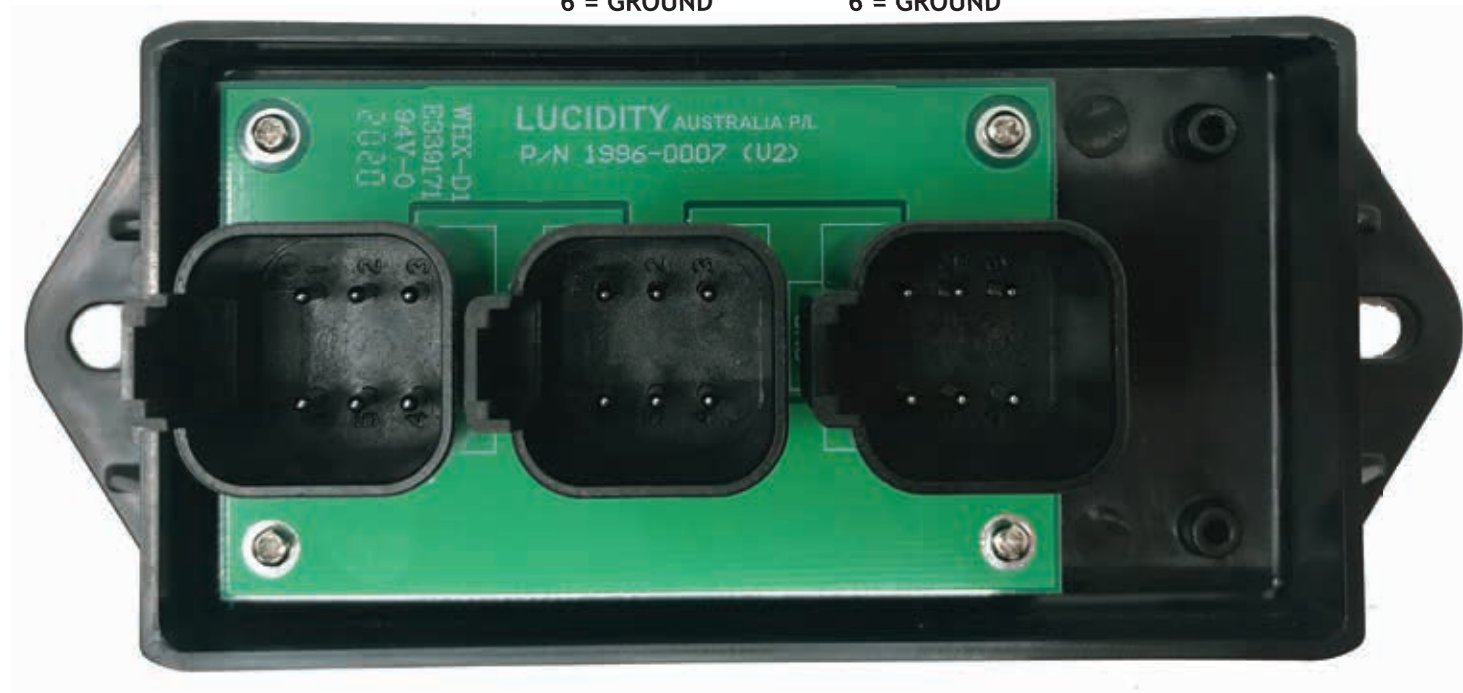
Output: 2 x 6W (Ground, Park, Stop, Indicator, Reverse, NC)

CN2

- 1 = PARK
- 2 = STOP
- 3 = INDICATOR
- 4 = REVERSE
- 5 = INDICATOR
- 6 = GROUND

CN1

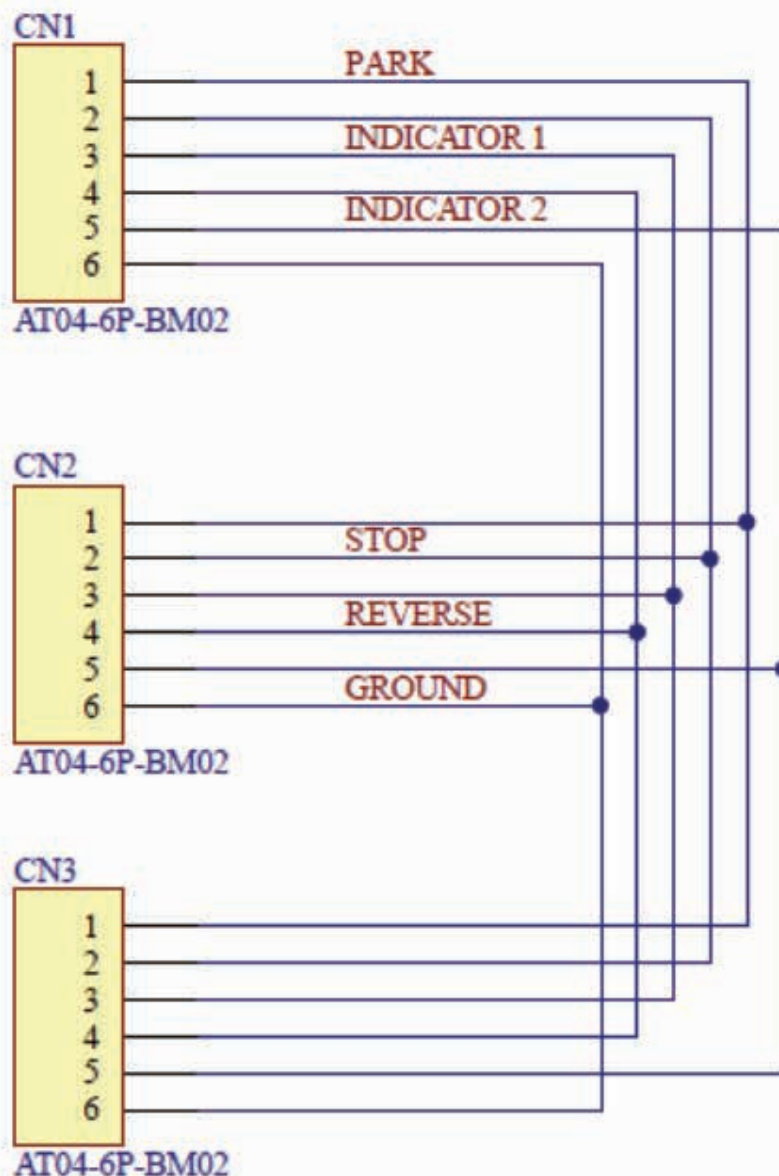
- 1 = PARK
- 2 = STOP
- 3 = INDICATOR
- 4 = REVERSE
- 5 = INDICATOR
- 6 = GROUND



CN3

- 1 = PARK
- 2 = STOP
- 3 = INDICATOR
- 4 = REVERSE
- 5 = INDICATOR
- 6 = GROUND

- 1 = Park
- 2 = Stop
- 3 = Indicator
- 4 = Reverse
- 5 = Indicator
- 6 = Ground



- 1 = Park
- 2 = Stop
- 3 = Indicator
- 4 = Reverse
- 5 = Indicator
- 6 = Ground

- 1 = Park
- 2 = Stop
- 3 = Indicator
- 4 = Reverse
- 5 = Indicator
- 6 = Ground



IDM Comes Supplied with Bracket

3970027

Switch Interface

Input: 1 x 6W (Ground, Stop, Park, Indicator, Reverse, Aux)

Output: 1 x 6W (Ground, Stop, Park, Indicator, Reverse, Aux)
 1 x 4W (Ground, Park, Reverse, NC)
 1 x 4W (Aux, Park, NC, NC)
 1 x 2W (Ground, Buzzer)

CN3

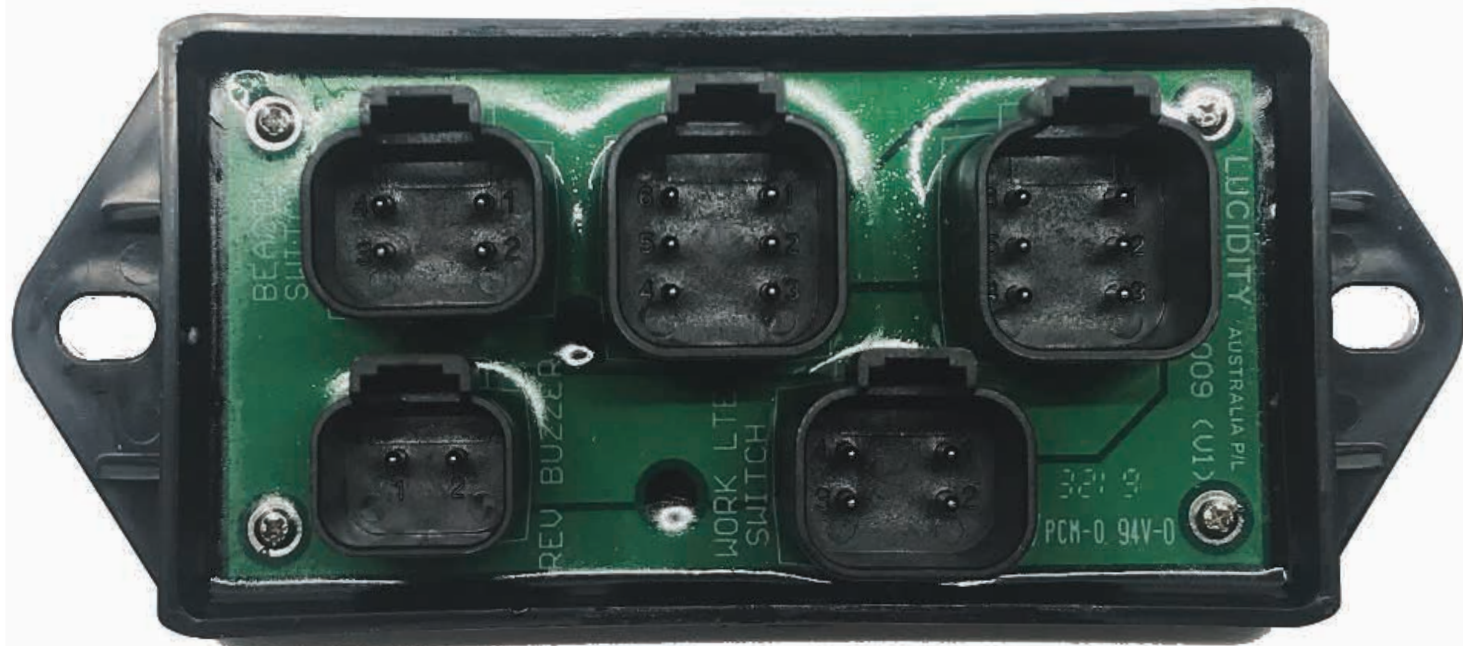
1 = AUX
 2 = PARK
 3 = NC
 4 = NC

CN1

1 = PARK
 2 = STOP
 3 = INDICATOR
 4 = REVERSE
 5 = AUX
 6 = GROUND

CN4

1 = PARK
 2 = STOP
 3 = INDICATOR
 4 = REVERSE
 5 = AUX
 6 = GROUND

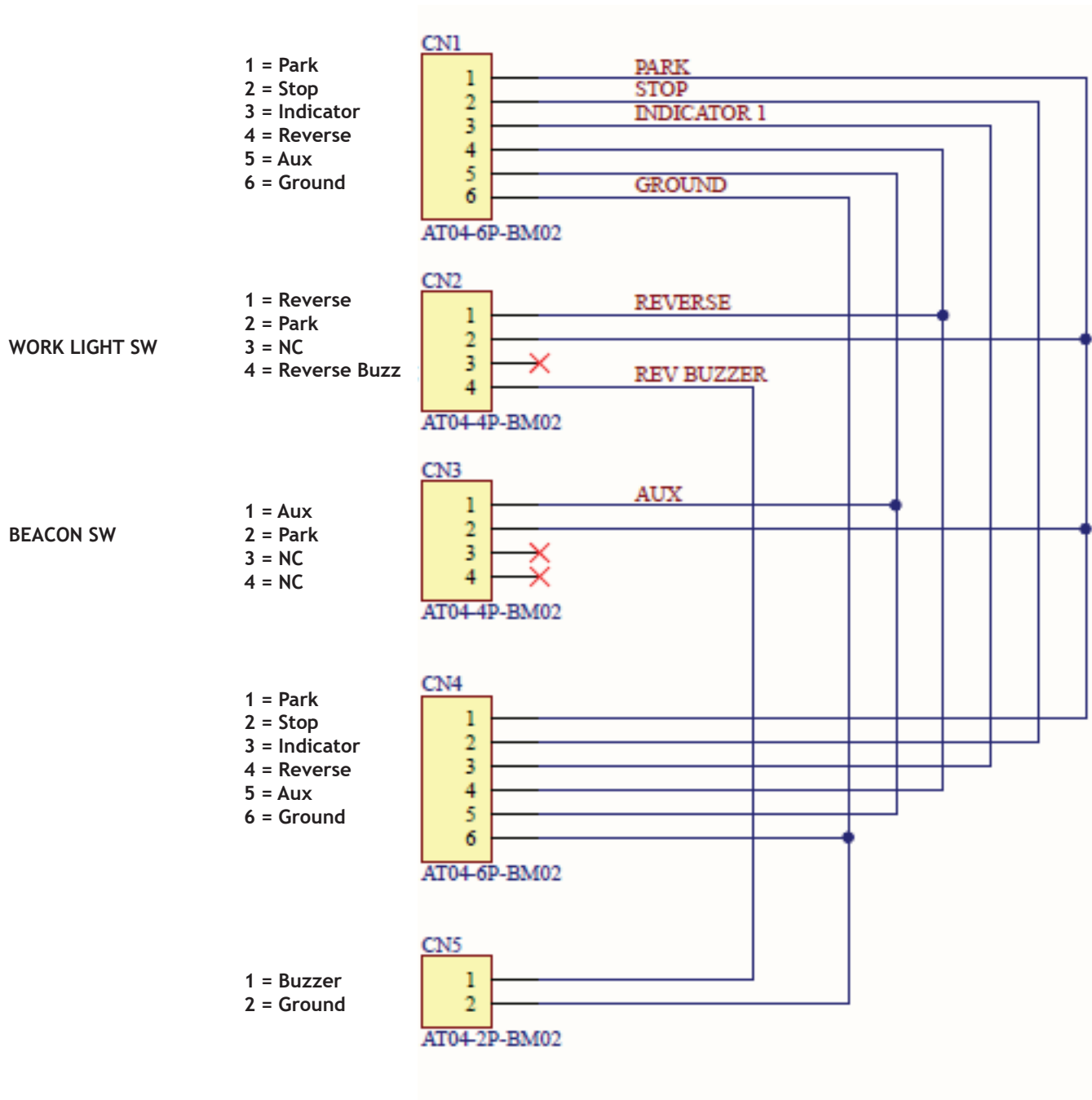


CN5

1 = BUZZER
 2 = GROUND

CN2

1 = REVERSE
 2 = PARK
 3 = NC
 4 = REVERSE BUZZER



IDM Comes Supplied with Bracket

3970035

Universal Bumper Lighting

Input: 1 x 6W (Ground, Park, Stop, Indicator-R, Indicator-L, Reverse)

Output: 1 x 6W (Ground, Park, Stop, Indicator-R, Reverse, NC)
 1 x 6W (Ground, Park, Stop, Indicator-L, Reverse, NC)
 4 x 2W (Ground, Park)
 1 x 4W (Ground, Ground, Park, Reverse)

CN3

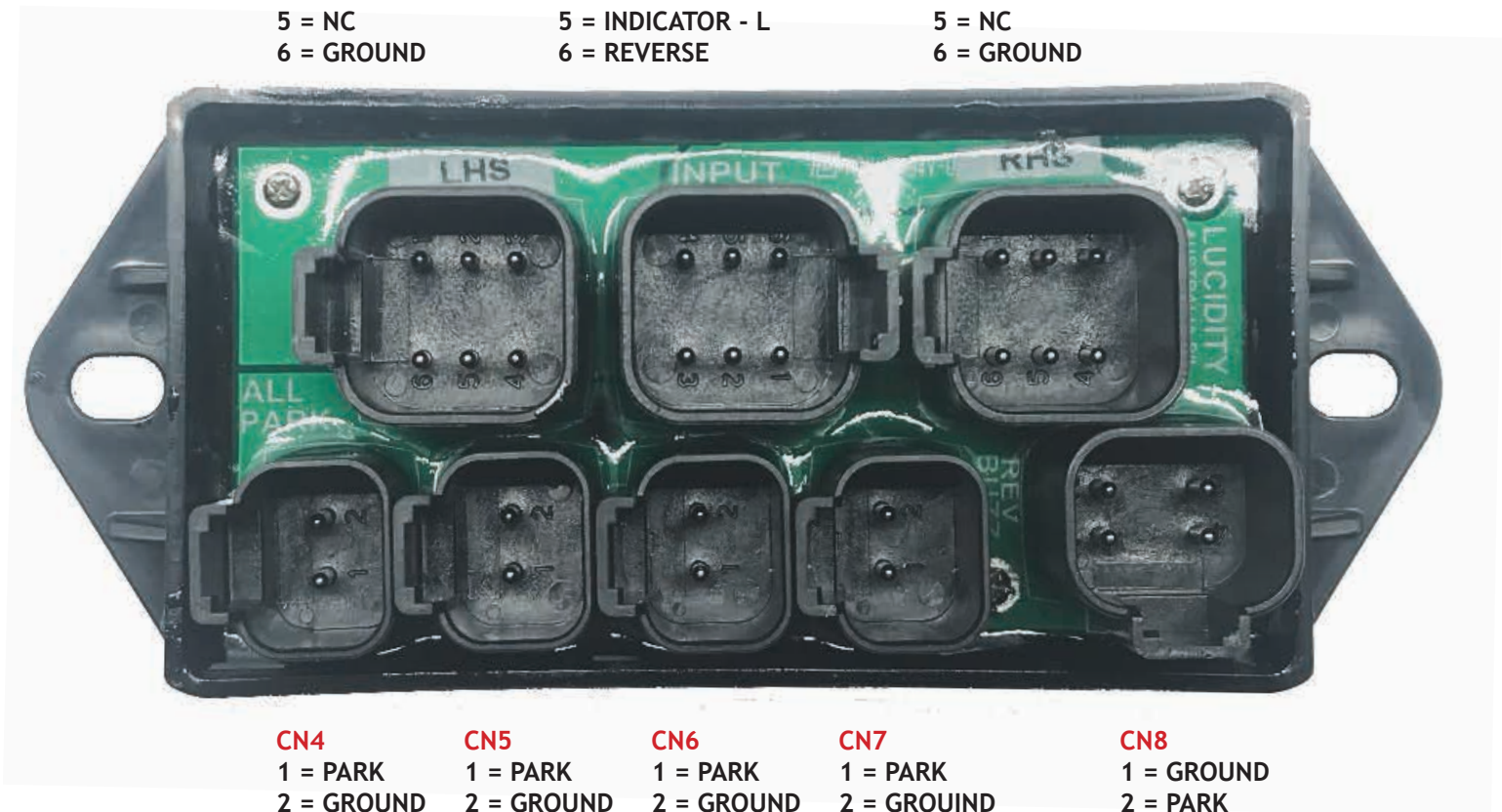
1 = PARK
 2 = STOP
 3 = INDICATOR
 4 = REVERSE
 5 = NC
 6 = GROUND

CN1

1 = GROUND
 2 = PARK
 3 = STOP
 4 = INDICATOR - R
 5 = INDICATOR - L
 6 = REVERSE

CN2

1 = PARK
 2 = STOP
 3 = INDICATOR
 4 = REVERSE
 5 = NC
 6 = GROUND



CN4

1 = PARK
 2 = GROUND

CN5

1 = PARK
 2 = GROUND

CN6

1 = PARK
 2 = GROUND

CN7

1 = PARK
 2 = GROUND

CN8

1 = GROUND
 2 = PARK
 3 = GROUND
 4 = REVERSE

6 WAY FROM DUAL
SOCKET ADAPTOR

- 1 = Ground
- 2 = Park
- 3 = Stop
- 4 = Right Indicator
- 5 = Left Indicator
- 6 = Reverse

RIGHT SIDE

- 1 = Park
- 2 = Stop
- 3 = Indicator
- 4 = Reverse
- 5 = NC
- 6 = Ground

LEFT SIDE

- 1 = Park
- 2 = Stop
- 3 = Indicator
- 4 = Reverse
- 5 = NC
- 6 = Ground

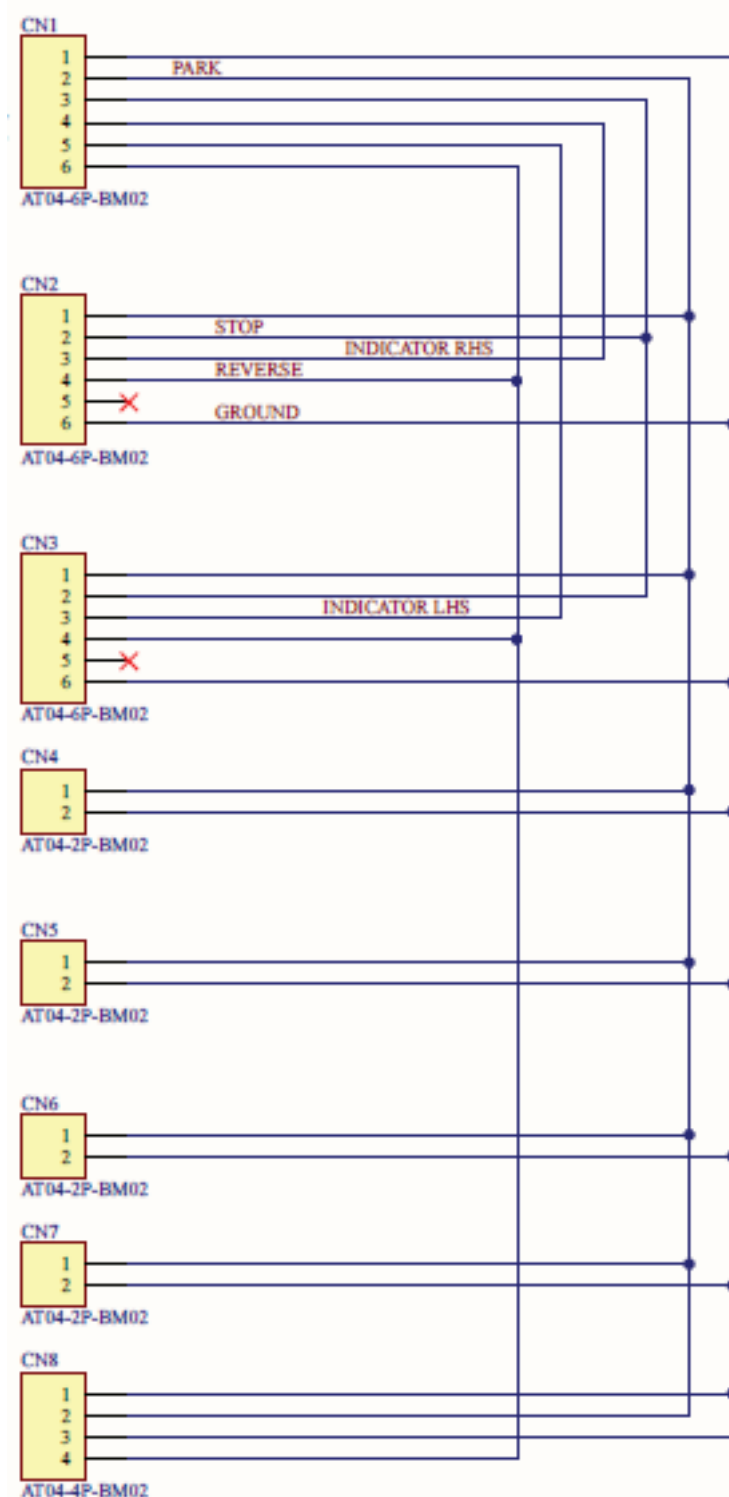
- 1 = Park
- 2 = Ground

- 1 = Park
- 2 = Ground

- 1 = Park
- 2 = Ground

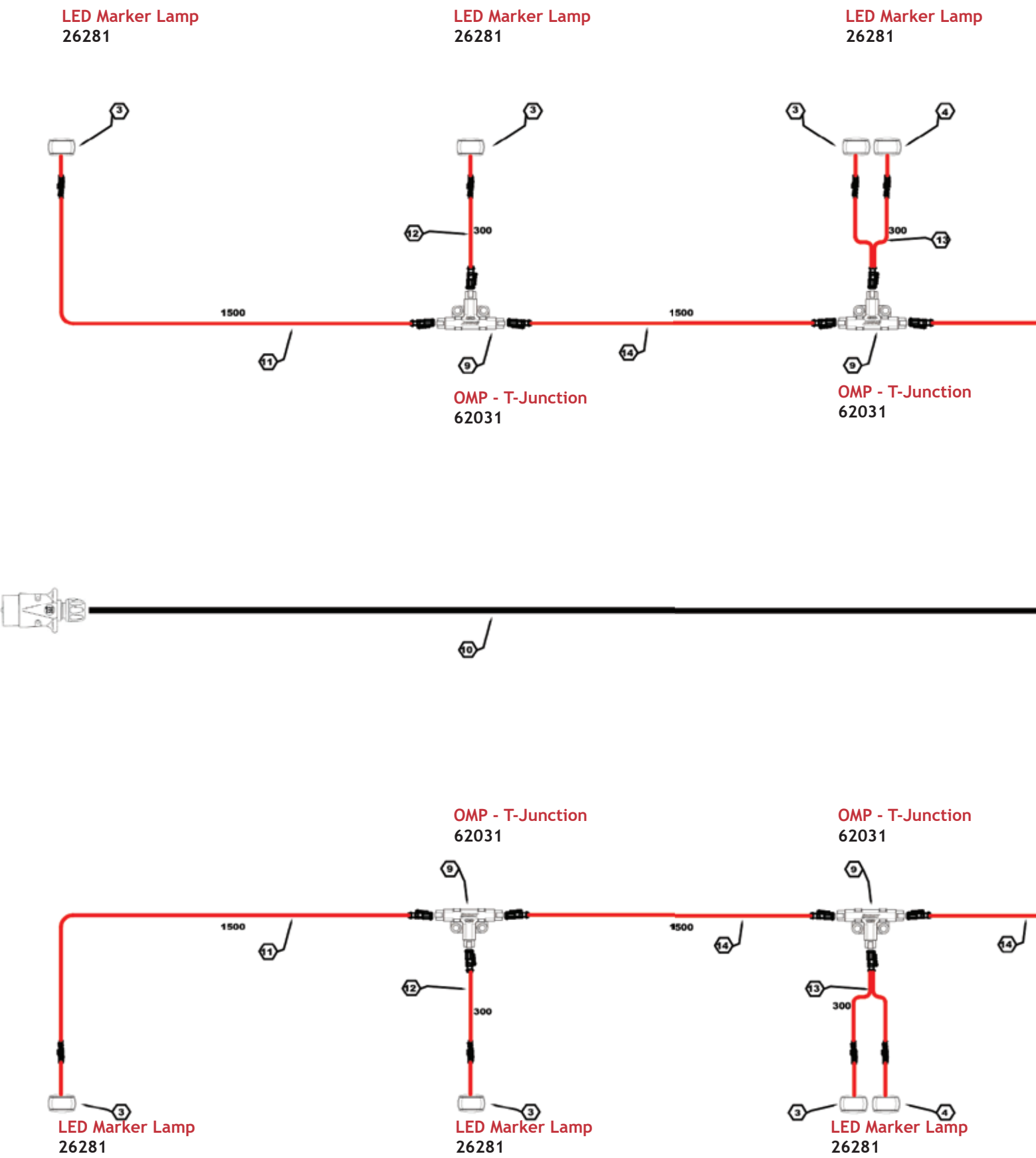
- 1 = Park
- 2 = Ground

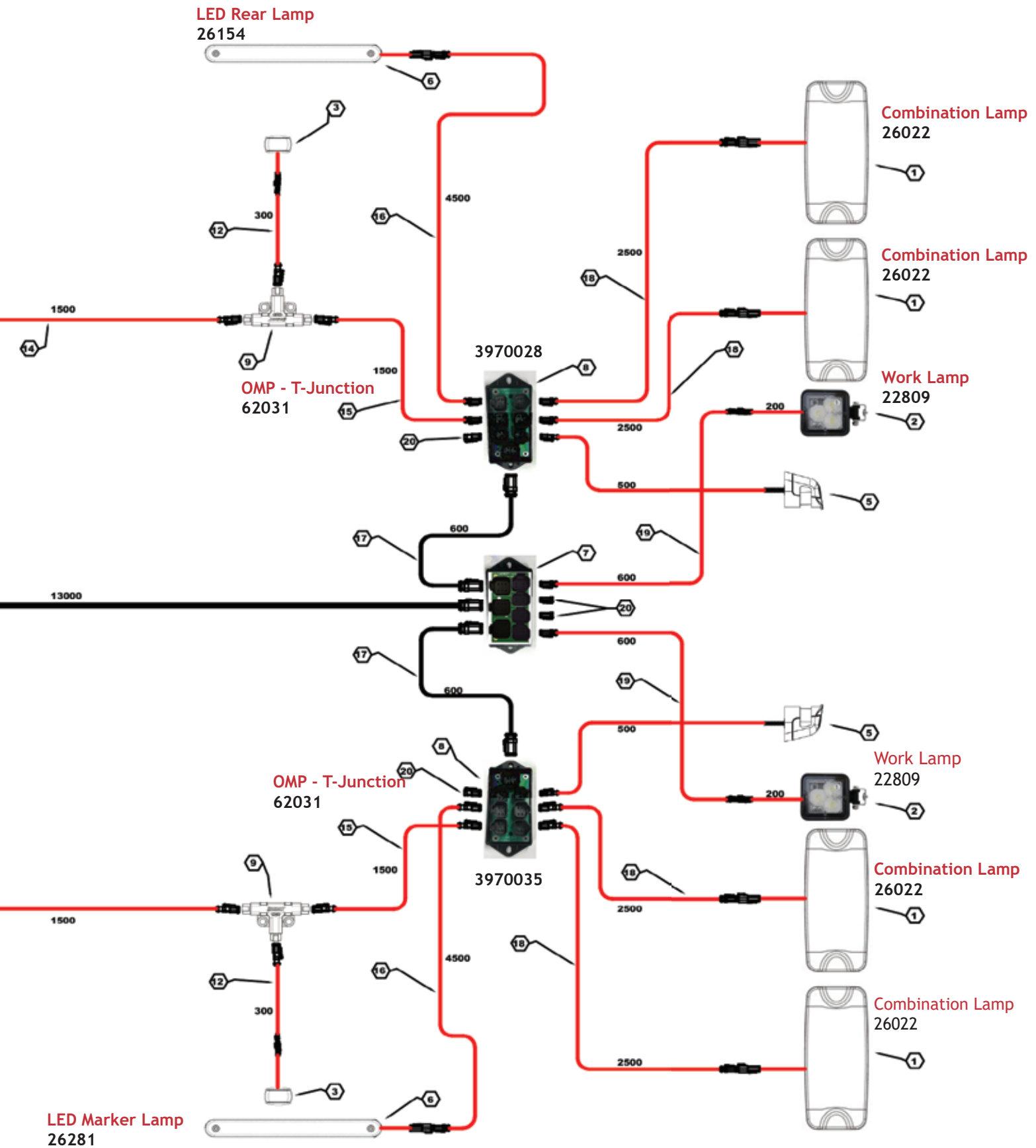
- 1 = Ground
- 2 = Park
- 3 = Ground
- 4 = Reverse



IDM Comes Supplied with Bracket

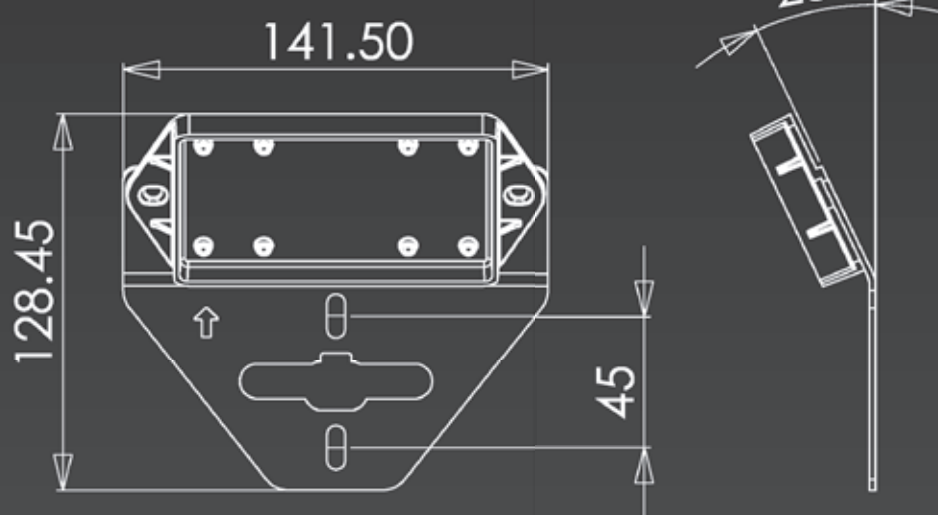
Typical Application - Tipping Trailer







Technical Drawings



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