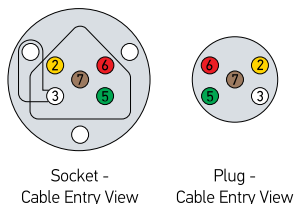


# TOWING, TRAILER AND TRUCK WIRING CONFIGURATIONS

Common trailer lighting pin configurations used for different plugs and sockets are tabled and illustrated below.

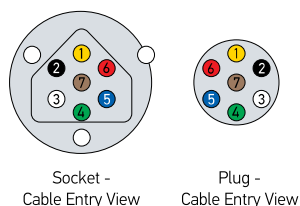
**5 Pole Round Light Duty Connector (AS2513)**



5 POLE ROUND LIGHT DUTY CONNECTOR (AS2513)		
Terminal No.	Function	Colour
2	Left-hand flasher lamps	Yellow
3	Earth return	White
5	Right-hand flasher lamps	Green
6	Stop lamps	Red
7	Rear position, number plate and clearance lamps	Brown

**Note** If separate earth cable is not used on vehicle, earthing strip supplied should be fitted into Terminal No. 3 of socket and under mounting screw as shown.

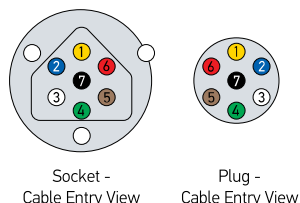
**7 Pole Round Light Duty Connector (AS2513)**



7 POLE ROUND LIGHT DUTY CONNECTOR (AS2513)		
Terminal No.	Function	Colour
1	Left-hand flasher lamps	Yellow
2	Reversing lamps	Black
3	Earth return	White
4	Right-hand flasher lamps	Green
5	Service brakes (or Auxiliary)	Blue
6	Stop lamps	Red
7	Rear position, number plate and clearance lamps	Brown

**Note** Where service brakes are not fitted, Terminal No. 5 is commonly used for auxiliary trailer power.

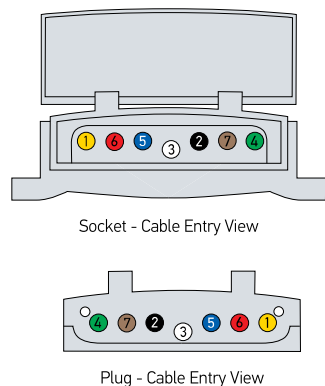
**7 Pole Round Light Duty Connector (ISO1724)**



7 POLE ROUND LIGHT DUTY CONNECTOR (ISO1724)		
Terminal No.	Function	Colour
1	Left-hand flasher lamps	Yellow
2	Rear fog lamp	Blue
3	Earth return	White
4	Right-hand flasher lamps	Green
5	Right tail lamp, clearance lamp, sidelamp and number plate lamp	Brown
6	Stop lamps	Red
7	Left tail lamp, clearance lamp, sidelamp and number plate lamp	Black

**Note** Common hardware to AS2513 7 Pole Round connector, but accounts for separate right/left tail lamps and rear fog lamps. Also does not account for reversing lamps on the trailer.

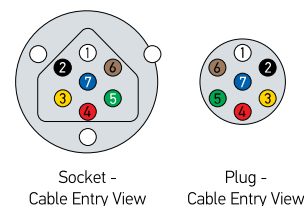
**7 Pole Flat Light Duty Connector (AS2513)**



7 POLE FLAT LIGHT DUTY CONNECTOR (AS2513)		
Terminal No.	Function	Colour
1	Left-hand flasher lamps	Yellow
2	Reversing lamps	Black
3	Earth return	White
4	Right-hand flasher lamps	Green
5	Service brakes (or Auxiliary)	Blue
6	Stop lamps	Red
7	Rear position, number plate and clearance lamps	Brown

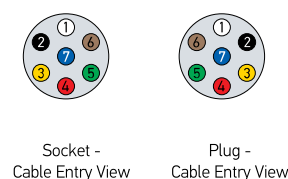
7 POLE ROUND HEAVY DUTY CONNECTOR (ISO1185)		
Terminal No.	Function	Colour
1	Earth return	White
2	Left tail lamp, clearance lamp, sidelamp and number plate lamp	Black
3	Left-hand flasher lamps	Yellow
4	Stop lamps	Red
5	Right-hand flasher lamps	Green
6	Right tail lamp, clearance lamp, sidelamp and number plate lamp	Brown
7	Control trailer brake	Blue

7 Pole Round Heavy Duty Connector (ISO1185)



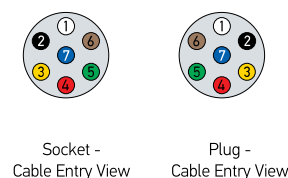
7 POLE ROUND HEAVY DUTY CONNECTOR (SAE J560)		
Terminal No.	Function	Colour
1	Earth return	White
2	Clearance lamps/outline marker lamps, identification lamps	Black
3	Left-hand flasher lamps	Yellow
4	Stop lamps	Red
5	Right-hand flasher lamps	Green
6	Tail lamps and number plate lamps	Brown
7	Brake controller (or Auxiliary) Power	Blue

7 Pole Round Heavy Duty Connector (SAE J560)



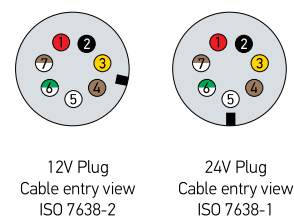
7 POLE ROUND HEAVY DUTY CONNECTOR (AS4735)		
Terminal No.	Function	Colour
1	Earth return	White
2	Left tail lamp, clearance/outline lamp, identification and number plate lamp	Black
3	Left-hand flasher lamps	Yellow
4	Stop lamps	Red
5	Right-hand flasher lamps	Green
6	Right tail lamp, clearance/outline lamp, identification and number plate lamp	Brown
7	Reversing lamps	Blue

7 Pole Round Heavy Duty Connector (AS4735)



7 POLE ABS/EBS CONNECTOR (ISO 7638-1 / ISO 7638-2)		
Terminal No.	Function	Colour
1	(+) 12V or 24V permanent for control valves	Red
2	(+) 12V or 24V via ignition lock for electronics	Black
3	Ground for electronics (Pin 2)	Yellow
4	Ground for control valves (Pin 1)	Brown
5	ABS Fault Indication	White
6	CAN H, for EBS and ABS	Green/White
7	CAN L, for EBS and ABS	Brown/White

7 Pole ABS/EBS Connector (ISO 7638-1 / ISO 7638-2)



This connector is intended to be used for ABS and EBS on heavy duty trailers. 12V ISO 7638-2 connector is identified with a key between pin 3 and 4, while 24V ISO 7638-1 connector is identified with a key at pin 5. Multivolt™ Connector: Only to be used on Multivolt™ ABS/EBS systems. It is the responsibility of the user to ensure correct voltage compatibility and latch alignment. System created for 12V and 24V. We assume no liability for damage resulting from improper application.



Multivolt™ suzi coil comes with warning flags

ACCESSORIES