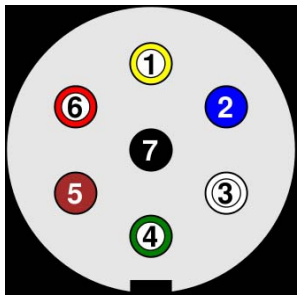
Wiring for New winch using 13 core trailer cable

Pin No.	Colour	Original Function	Cable dia	Gauge	Amps	Use
1	Yellow	Left Indicator	1.5	16	15	Temperature if requd
2	Blue	Fog Light	1.5	16	15	Distributor > tacho
3	White	Earth	2.5	13	30	Gas tank valve & regulator
4	Green	Right Indicator	1.5	16	15	Distributor > coil
5	Brown	Right tail / Side light	1.5	16	15	Oil pressure
6	Red	Brake / Stop lights	1.5	16	15	Start (cab side of plug)
7	Black	Left tail / Side light	1.5	16	15	Bus relay control
8	Pink	Reversing Light	1.5	16	15	
9	Orange	12v Permanent power from battery	2.5	13	30	Start (cab side of plug)
10	Grey	12v Ignition on (battery charging or Fridge)	2.5	13	30	Earths
11	White/Black	Earth for Terminal 10	2.5	13	30	Radiator fan if requd
12	White/Blue	NOT usually used	1.5	16	15	
13	White/Red	Earth for Terminal 9	2.5	16	30	Trans oil cooler
	Blue protected		4	9	100	Power – starter to cab
	Red protected		2.5	13	30	Ignition to starter solenoid
	Red protected		4	9	100	Power to starter
	Green/yellow		?		Domestic use	Signal from alternator



Pin No.	Use		Plug side	Socket side
7	Ign power+ bus	relay feed	Blue heat protected	Orange
1	Start to relay		Red heat protected	Red PVC
2	Bus relay control		Black	Black
3	Alt to ignition light		Green/Yellow	G/Y
4	Oil pressure light		Brown	Brown
5	Tacho		Blue	Blue