



Road lighting kit for Polaris Ranger, connections as follows:

Lay harness onto the vehicle and route the cabling. LEDs with purple cables go to the left side and those with orange cables go to the right.

The front to rear cable should pass through the centre cable duct.

At the rear of the Ranger, unplug the 3 pin plug connecting the tipper box (tail lights on RZR) and plug the 3 pin plug on the new harness into the Ranger. Plug the 3 pin tail light plug into the new harness.

Connect the red wire with fuse into a bullet connector on the red wire on the harness, either at the front to connect to the red wired power terminal bolt (not Ranger XP), or to the battery.

To mount indicators and sidelights:

Mount front LED sidelight and indicators in bumper below, to right of the headlight

There are 2 different styles of ranger rear light, and depending on style the indicator should be mounted where the best space is available, mount them either above or below the rear lights.

Drill a 19mm hole no more than 45cm from the outer edge of the vehicle

Slide rubber trim off the lamp

Insert cable and 2 pin plug through the hole from the front

Locate rubber trim into hole

Push LED into rubber trip ensuring TOP is at the top.

Connect 2 pin plug back onto harness

Vehicles over 550kg registered PLG should have 4 indicators and 2 side repeaters for the indicators.

Agricultural only requires 4 indicators

Vehicles under 550Kg can be optionally fitted with a rear fog lamp (EU-2002/24 lighting exemption)

Vehicles over 550Kg should be fitted with a rear fog lamp (UK Lighting regulations)

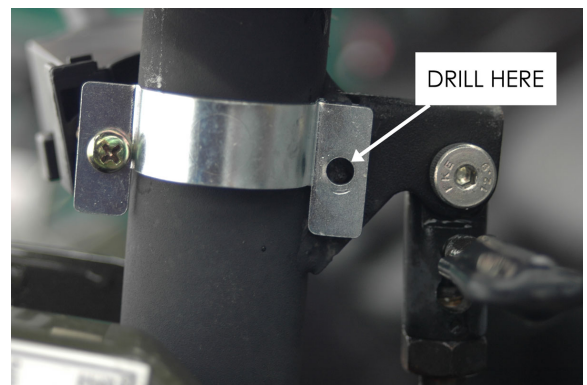
Clamp indicator stalk if included in the kit around the steering column with the lever pointing towards the left or right, drill a mounting hole in the triangular steering column adjustment bracket

Switch mounting (it is easier to remove the black dash insert where possible)

Remove a blanking plate / drill hole to mount hazard switch, indicator switch, horn push, warning lamp

RZR / Mid size optional Headlight switch:

Cut wire from headlight output on ignition switch to dipped beam, on the indicator stalk connect wire 3 to switch and 4 to dipped beam. Yellow wire should be attached to aftermarket main beam headlights.



Indicator switch sub harness supplied if dash mount rocker switch is in the kit not included if column mount indicator switch is supplied

The terminals will be mounted in a housing if optional switches are ordered with the kit

A round switch is included with RZR kits
A rectangular switch is included with all other kits

Connect wire 12 into OEM speedo on Large Ranger Petrol, XP and RZR Plug in 12mm indicator warning lamp on other models

Warning lamp sub harness is included with all kits supplied with Column mounted Indicator Switch

Indicator warning lamps or ACEWELL MD52-301 speedometer

Indicator Switch Sub Harness

Rocker or column mount Indicator Switch

Terminals for optional fog light switch or beacon switch or 400 main beam spots

Horn switch

Hazard Switch

ACEWELL MD52-301

Warning Lamp Sub Harness

Front Harness

Rear Harness

Extension Harness

1 x Large Ranger
2 x Ranger 6x6 and crew

Connect Fuse Sub harness to either front or rear harness

Fuse Sub Harness

Permanent +ve to front power bus behind steering wheel or battery +ve

Numberplate Lamp

Right Rear Indicator

Left Rear Indicator

Rear Indicator Sub Harness

7 pin trailer socket is pre-wired into these plugs if ordered with the kit

Connect between Ranger main harness and rear box on all large Ranger 400 and 6x6 2013 ->

These plugs supply switched +ve, -ve and brake light
Connect the plugs not used together to stop water ingress
Connect between Ranger main harness and rear box on 400 -> 2012 and 6x6 -> 2012

No.	CORD CONNECTION TABLE	CORD COLOR
1		SW+
2		R/W
3		R
4		Br
5		-ve
6		SW+
7		Y
8		Main Beam
9		Brake light
10		Left Indicators
11		V
12		Right Indicators
13		0
14		B/W
		W/B
		To Indicator Relay
		P
		Horn
		Indicator Warning
		W
		R/B
		Fog

SPECIFICATION		SCALE		MATERIAL		3D KEY No.		TA	
APPLICABLE DWG		Free		see Table		WIRING			
DRAWN		DESIGNED		CHECK		APPR			
12 - 先行圖		DATE		DR		OK			
CUSTOMER PART NAME		DATE		DR		OK			
Polaris Ranger Lighting harness		DATE		DR		OK			
CUSTOMER DWG NO.		DATE		DR		OK			
QT-SXS-RANGER-002		DATE		DR		OK			