

Kaymar Fitting Instructions

Vehicle	Challenger PB
Year	2010
Type	SUV
Part	Rear Bar

Applicable to Part Numbers

K3320, KITCHALL, KITCHALL-R-JCS

Date published December 20, 2016

IMPORTANT - BEFORE COMMENCING INSTALLATION

Please verify the part number corresponds with the list above.
Read through these instructions and check items in the supplied fitting kit matches the attached list.

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CHALLENGER 2010 PB

MARKING BUMPER FOR CUTTING.

1. With a permanent marker, trace around mud flap.





2. At the top of mud flap where colour coded section of bumper meets black. There is a groove. Mark around to tailgate, repeat on other side.

3. Mark 35mm out from raised section of bumper across to other side. (see above).

Kaymar 4WD Accessories
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1. Remove spare wheel from under vehicle.
2. Lift tailgate and remove eight bolts, four either side, from bumper.
3. On the inside of wheel arch, there are three screws. Remove these, then plastic rivot, one inside wheel arch and one under bumper. Remove two plastic rivots from inside of mud flap.
4. Remove rear flares by GENTLY pulling flare away from body to release plastic plugs.
5. Behind flare is another bolt, undo and remove mud flap.
6. Remove plastic rivot inside wheel arch that goes through top of bumper.
7. Remove bumper starting at mud flap, by GENTLY pulling wing away from body. Remove bumper.
8. Remove step support, undo five bolts and discard. This will not be needed again.
9. Fit mud flap support bracket, marked left and right, and mark two holes the permanent marker. Drill out to 8mm. Fit using M6 x 20 roof bolt and M6 flange nuts.





10. Cut bumper on lines you marked earlier using an angle grinder. Clean cut edge with a Stanley knife.
11. Refit mud flaps using original hardware. Secure to mud flap support bracket with M6 x 20 roof bolt and M6 flange nut. Refit bumper.



12. Run a length of pinch weld along bottom edge of cut, finishing at tailgate. Repeat other side.
13. With ANOTHER PERSON lift Kaymar bar onto vehicle, being CAREFUL not to touch painted surface.
14. Fit 6 x M12 x 1.75 x 35 bolt with M12 washer (3 either side) to the 3 rear most hole in the side of chassis. Secure with M12 flat, spring and nut.

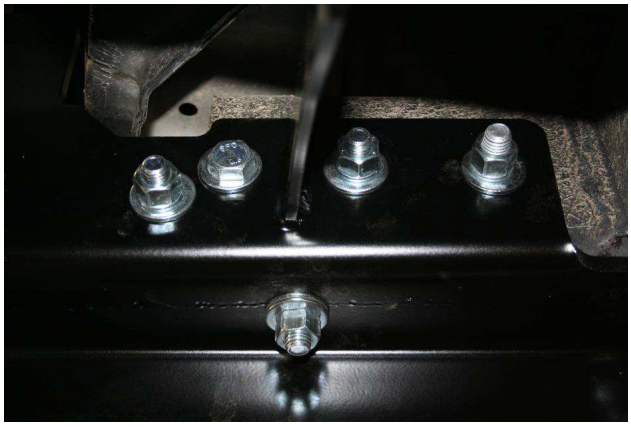
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15. Fit M12 x 1.75 x 35 bolt with washer through inside of chassis, down through towbar. Secure using M12 flat, spring and nut. Repeat other side.

16. Fit M12 bolt on wire through chassis out front most hole using M12 flat, spring and nut.

17. The front most hole in chassis needs to be drilled out to ½". Fit M12 bolt on wire through chassis, down through bar. Repeat other side.



18. Fit 5mm packers between towbar and bottom of chassis. Tighten all bolts, starting with bottom four.

19. Sight along wire for an even gap of approximately 5mm between top of wing and pinch weld.

20. Splice 7 core trailer wire into trailer harness following wiring diagram below. Reverse will need to be spliced into original harness.

	Vehicle	L/H	R/H
Reverse	Red/Green	Black	Black
Stop	Red	Red	Red
Tail	Brown	Brown	Brown
L/H Turn	Yellow	Yellow	Yellow
Earth	White	White	White
R/H Turn	Green	Yellow	Yellow

21. If a carrier or jerry can holder is to be fitted, add an extra wire off tail (brown) for number plate light.

22. Fit chequer plate using a thin bead of silicon along underside of chequer plate curved edge. Place rubber strip along curved edge, place another thin bead of silicon on rubber strip. Fit to bar using stainless steel hex head screws and M6 flange nuts.

23. Fit carriers to bar – See separate carrier fitting instructions.

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BK3320 CHALLENGER PB 2010

QUANTITY	DESCRIPTION
6	ROOF BOLT PAN HEAD M6 X 20 (GU) (PLATES BLACK)
6	NUT FLANGE M6
8	BOLT M12 X 35 X 1.75
4	BOLT ON WIRE M12 X 35 X 1.75 300 MM WIRE
12	WASHER SPRING M12
12	NUT M12 X 1.75
20	WASHER FLAT M12 X 30 HD
10	WIRE CONNECTOR MALE
10	WIRE CONNECTOR FEMALE
4	PACKER SLOT 3MM "N"
4	BOLT M10 X 40 X 1.5
1	PINCH WELD 14 MM STRIP LENGTH 1200 MM
1	WIRE TRAILER 7 CORE 1500 MM LENGTH
1	MUD FLAP SUPPORT BRACKET PB CHALLENGER LHS
1	MUD FLAP SUPPORT BRACKET PB CHALLENGER RHS



bolt_on_wire_M12x35x1.75_300mm_wire



packer_slot_3mm_N



mud_flap_support_bracket_PB_ Challenger_RHS_and_LHS

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