

# CRAVEN



# EQUIPMENT

MANUFACTURERS OF CLASSIC

MOTORCYCLE LUGGAGE

Bike – BMW /5/6/7 1969-79

**The correct rack for these bikes is an 'L4' rack**

The fitting kit is designed to mount the rack to the motorcycle and also has the provision to hold panniers should you require it.

**Included in the fitting kits:-**

Main fitting kit

| Part Number | Quantity | Description                      |
|-------------|----------|----------------------------------|
| P412        | 1        | Carrier arm, left hand           |
| P163        | 2        | Carrier arm                      |
| P411        | 1        | Carrier arm, right hand          |
| P474        | 1        | Support arm right hand           |
| P342        | 1        | Support arm, left hand           |
| p177        | 2        | 3/4 - 7/8 tube clip, zinc plated |
| FHS820      | 6        | M8x20 hex set, stainless steel   |
| FHS825      | 4        | 8x25 hex set, stainless steel    |
| FHN8        | 2        | M8 half nut                      |
| FNN8        | 10       | M8 Nyloc Nut, stainless steel    |
| S19-3Q      | 20       | Plain washer, 5/16, stainless    |

Pannier fittings - To fit the panniers use kit **KPanTop** (2 sets per pannier) and one of two lower fixing kits. New panniers are supplied with **KPanBottom** kits that bolt the pannier to the lower stay and is not therefore readily removable; **KLock** is an optional extra kit that attaches the pannier to the stay using a lock so that the pannier is quickly detachable.

Top boxes do not need any parts, other than a rack as they include the fittings to attach it to the rack.

**Fitting the rack:- General notes**

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Identify the brackets and their respective fastenings; note that some brackets, especially the long support arms, are frequently handed.

Loosely attach the brackets to the bike and then to the rack. Threads should be lubricated before assembly. Brackets may occasionally need to have a twist put in them or bending a little in order to line them up. As they are all in stainless there is no surface coating to damage.

Finally tighten the nuts and bolts, which are metric and stainless.

### **Fitting the rack:- Specific notes about your kit**

Firstly remove your seat, bolt the P163 brackets to the bolt hole behind the rear shocks (see fig3 & fig4). Mount the round clamp and handed brackets (P411 & P412) to the frame rail (also see fig3). You are now ready to hang the rack off the bike, loosely mount the rack and then when in an acceptable position tighten all nuts.

Now mount the long support arms (P474 & P372, these are handed). These mount behind the rear footrests and then are attached to the bottom rail of the rack. Tighten up all nuts and then re-attach seat. See fig 5.

### **Fitting the panniers:-**

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#### **DO NOT**

You must NOT fit the quickly detachable locks with the key facing upwards, the key must always be horizontal or facing downwards otherwise the panniers can come loose and fall off.

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The panniers should be mounted as far forward and as low as is practical to aid stability.

Hold the pannier in place and note or mark the position on the pannier for one of the top rubber mounts. Use a piece of masking tape to protect the finish and stop the drill sliding about. Drill two 5mm clearance holes using the bracket (P298) as a template. The drill bit must be sharp and glass fibre will blunt it fairly quickly. Attach the top fitting to the pannier and attach it to the rack, mark the position for the second mount. Repeat the process above for the rear mount. This method will ensure that the second mounting will be more likely to be in the correct position. See Fig 2 & Fig2a for what it should look like.

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Choose a suitable location for the lower fixing, mark the position on the support arm, remove pannier and drill hole(s) in the support arm. Attach the bracket to the arm, fit the pannier and mark the holes on the pannier. The bolted on bracket should have the long edge mounted on the pannier and short edge on the rack. With the quickly detachable fitting kit (see fig 2b) the lock should be on the pannier (P206) and the L bracket (P205) on the bike. Remove pannier again, drill holes, fit bracket and test, fit pannier to bike, ride off into the sunset. Upon return realize that the bike looks silly with only one pannier and fit the other one by repeating the above.

|  |   |
|--|---|
|  |   |
| Fig 1(gold spacer & bike not included) | Fig2 (left) (R, bottom)      Fig 2a (R, top) Fig 2b |
|  |   |
| Fig 3                                  | Fig 4   |

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Fig 5

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