



## Rear Disc Brake Pannier Rack - PR-1

### INSTRUCTIONS

1 Attach extenders to rack using button head bolts, washers and nuts. Do not tighten. See Section 1.

2 Fit the struts to the outside of the frame dropouts and attach with 40mm hex head bolts, washer and spacer. Ensure that the 40mm bolts go fully through drop-outs, but do not extend beyond the inner surface of the drop-outs. The spacers should sit flat on dropouts; use a washer if required. See Section 2.

Note: Put your chain on to the smallest cassette-cog and make sure the 2 dropout bolts (see the 2 bolts indicated by the 2 stars in figure below) do NOT interfere with the drive train or other moving parts. You may have to use extra washers positioned on the outside of the dropouts to adjust inside bolt clearance.

Note: If mud guards are attached to the same dropouts bolt, two 45mm bolts are provided to accommodate the installation of the mud guards.

3 Attach extenders to seat stay braze-on mounts with 12mm hex head bolts and washers. See Section 3.

Note: For bicycles without braze-on mounts use vinyl coated seat stay clamps, nuts and rubber shims included. See Section 4.

4 Position rack so that top of rack is level. Tighten all bolts and nuts securely. It may be necessary to adjust the height of struts. See section 5.

5 Install reflector on the reflector mount. Note: reflector and hardware for reflector are NOT included. See Section 6.

6 For long distance touring and heavy loads (maximum weight 25 kg / 50 lbs), it is recommended to use blue loctite® or nail polish on the mounting screws threads to eliminate loosening from vibrations. Loctite® is available at most hardware and auto parts stores.

Note: As bike frame design and geometry is highly variable, we have provided extra hardware to facilitate correct installation. You may not require all bolts, nuts, washers or clamps to attach the rack to your bike.

