

for AUSTIN - HEALEY SPRITE & M.G. MIDGET

Sprite Mark 2	Series AN6 & AN7	May 1961 - Mar 1964
Sprite Mark 3	Series H/AN8 & H/AN9	Mar 1964 - Oct 1969
M.G. Midget Mark 4	Series GAN.1	Jan 1961 - Oct 1962
M.G. Midget Mark 2	Series GAN.2	Oct 1962 - Mar 1964
M.G. Midget Mark 2	Series GAN.3	Mar 1964 - Oct 1966
M.G. Midget Mark 4	Series GAN.4	Oct 1966 - Jan 1969

MATERIALS

All have full-width bumper

A	2 off Washer-plate	65mm of	65 x 6 Flat
B	2 off Side-arms	280 of	40 x 40 x 6 MS Angle handed L & R, cutaway at front.
C	2 off Side-bracket	50 of	40 x 30 x 6 MS Angle
D	1 off Middle Crossbar	800 of	40 x 40 x 6 MS Angle
E	1 off Rear Crossbar	570 of	50 x 40 x 6 MS Angle drilled centrally to BS.AU.114
F	1 off Outer bumper Pad ref; PR.1/O		
G	1 off Inner bumper Pad ref; PR.1/I		
H	2 off Bush	10mm long	x M10 hole
J	2 off Spacer tube	47mm long	x M10 hole
K	3 off flat Washers	40mm diam	x M10 hole
L	5 off 25 x M10 diam metric high tensile Bolts, nuts & spring washers		
M	2 off 75 x M10	"	" " " " " " " "
N	2 off 35 x M12	"	" " " " " " " "
HB	2 off 4" x 5/8"	"	" " " " " " " "

GENERAL INFORMATION

Towing-bracket weight 11 kg. Recommended maximum towed weight 650 kg
 Fitting time about 2½ hours. Spanners AF; M17, M19, ½", 15/16". Drills; M10, 5/8"
 Approx heights; HOLES UNLADEN 355mm

FITTING INSTRUCTIONS

1. Remove boot contents. Lower transverse silencer both ends by inserting Bushes H on existing bolts. Remove full-width bumper at 3 bolts each side but retain triangular gusset by replacing one bolt. Fix ends of Middle Crossbar D beneath floor on existing 5/16" diam bolts. Drill M10 up through centre hole of Middle Crossbar D & boot floor. Fix with Bolt L down through flat Washer K.
2. Insert 2 Bolts L forwards through vertical rear flange of Middle Crossbar D & fix 40 mm flange of Side-bracket C. Insert 2 Bolts L down through Side-brackets C & fix the appropriate Side-arm B beneath Bracket C (with vertical flange outermost & front ends over silencer. Drill M10 up through front end of Side-arms B, Tubes J, Washer-plates A & floor. Fix with Bolts M down through flat Washers K, floor, Washers, Tubes etc.
3. Mark centre-line of bumper & drill 2 x 5/8" diam holes at 3½" centres astride bumper centre-line, matching contours of Inner & Outer Pads F & G with flat faces vertical. On Bolts HB fit your towing hitch & 7-pin socket plate & insert forwards through Outer Pad F, bumper blade, Inner bumper Pad G & fix Rear Crossbar E 50mm flange, with its 40mm flange at bottom pointing forwards.
4. Fix this assembly back to the car with Bolts N down through Crossbar ends on rear ends of Side-arms B. Fix bumper supports with original bolts & re-fix triangular gussets. Tighten all bolts to appropriate torque, grease ball and fit ball & bolt-head covers. Replace boot contents.

