



# 250 cm<sup>3</sup> Gold Star

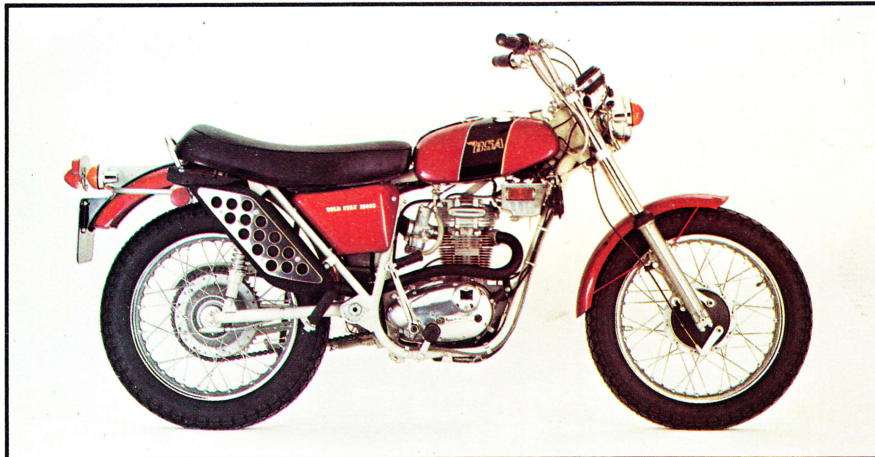
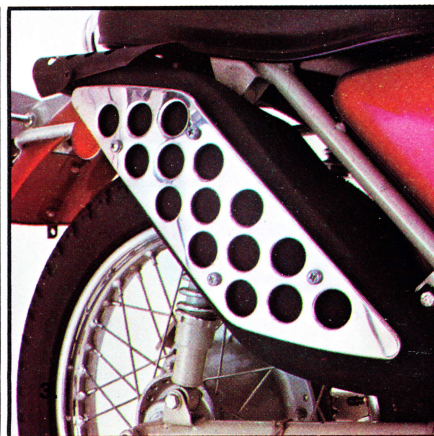
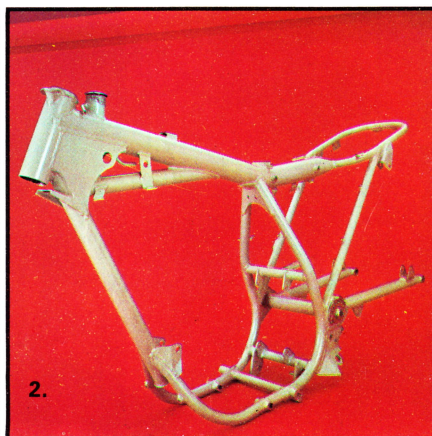
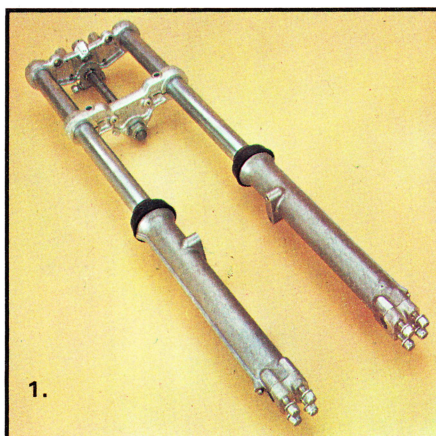


A superb Street Scrambler bearing a famous name. Its lean good looks are only matched by its performance. Features like the new forks (giving better control), the new immensely strong frame and the upswept box-type silencer demonstrate the engineering expertise that has created the machine. Items like the dual ignition system and readily detachable lights prove this is one of a series of singles designed by enthusiasts—for enthusiasts.

BSA Motor Cycles Ltd.,  
Armoury Road,  
Birmingham B11 2PX  
Telephone: 021-772 2381  
Telegrams & Cables: "Selmoto, Birmingham"  
Telex: 33315

The issue of this brochure does not constitute an offer and illustrations and specifications described herein will vary for different countries. In line with our policy of continuous research and development we reserve the right to alter or change specification at any time without notice.

# New 250 cm<sup>3</sup> Gold Star



## NEW FEATURES

1. New front forks: design with two-way hydraulic damping, gives controlled ride whatever the conditions.
2. New frame—immensely strong and rigid because of the large diameter top tube. Frame doubles as oil container—added surface area gives improved oil cooling.
3. New, upswept box-type silencer—style with efficiency.

### PLUS THESE EXTRA FEATURES:

- New, alloy box under the petrol tank, carries most electrical components and also acts as a heat sink for the Zener diode. Lights can be removed for off-the-road use by means of a QD plug. Battery can be removed—ignition is by a capacitor housed within the box.
- New, compact switch consoles with horn button, dip switch, direction indicator switches, headlamp flasher, and ignition cut-out button.
- New conical hubs: front and rear made from light alloy. Design adds strength, dissipates heat faster.
- New instrument and headlamp cushioning with rubber mountings in specially designed brackets.

## SPECIFICATIONS

### ENGINE:

250 cm<sup>3</sup> single OHV. Light alloy cylinder head. Square finned, lined alloy barrel. One piece forged steel crankshaft. Car type oil filter.

### FORKS:

New, two-way damping with strong alloy legs to minimise unsprung weight.

### REAR SUSPENSION:

Swinging fork, hydraulically damped and adjustable for load.

### GEARBOX:

Four speed. Multiplate clutch with bonded segments and built-in transmission shock absorber.

### BRAKES:

Front 8" twin leading shoe drum brake. Balanced shoe application with individual snail cam shoe adjustment. 7" rear brake drum with floating cam. Conical light alloy hubs.

### ELECTRICAL AND LIGHTING EQUIPMENT:

12 volt—single coil. Crankshaft-mounted alternator. New master electrical switch, and handlebar switch consoles. Direction indicators. Electrical components in compact housing incorporating QD headlamp plug.

### FRAME:

New, welded frame with large diameter oil-containing top tube for strength and rigidity. Tapered roller steering head bearings. Eccentric swinging arm spindle fitted with quadrant for accurate rear chain adjustment.

### PETROL TANK:

All steel welded, with quick release filler cap.

## HANDLEBAR AND FITTINGS:

Chromium plated with smooth action twist grip. Heavy duty cables with built-in adjusters. Clutch and front brake lever brackets with built-in mirror fixing points and switch consoles.

## TECHNICAL DATA

Engine Type	OHV	Primary Chain Size	$\frac{3}{8}$ " Duplex
No. of Cylinders	1	Rear Chain Size	$\frac{3}{8}$ " x $\frac{1}{4}$ "
Bore/Stroke mm.	67 x 70	Tyre Size Front	3.25 x 18
Bore/Stroke ins.	2.64 x 2.75		K70
Capacity cm <sup>3</sup>	247	Tyre Size Rear	3.50 x 18
Capacity cu. ins.	15.19		K70
Comp. Ratio	10:1	Front Brake dia/type ins/cm	8" 2LS 20
Eng. Spr. Teeth	23	Rear Brake dia/type ins/cm	7" 1LS 18
Clutch Spr. Teeth	52	Finish	Flam. Red
G/Box Spr. Teeth	17	Seat Height ins/cm	32"/81
Rear Spr. Teeth	52	Wheel base ins/cm	54"/137
RPM @ 10 MPH (top gear)	941	Length ins/cm	85"/215
Gear ratio 4th	6.92	Width ins/cm	29"/74
" " 3rd	8.60	Ground Clearance ins/cm	7"/18
" " 2nd	11.35	Dry Weight lbs/kilos	290/132
" " 1st	18.33	Petrol—Imp gallons/litres	2/9
Carb. Make	Amal	Oil—Imp pints/litres	4/2.3
" Type	R928		

