

STUART

Marine Engines with COIL IGNITION

(For Coil Ignition with Siba Dynastart see separate leaflet)

Earlier engines have Lucas Contact Breakers and the part numbers used overleaf refer to Lucas equipment. Later engines have modified contact breaker housings suitable for either Lucas or Wipac contact breakers and, in these modified housings, contact breakers, cams and screws are interchangeable only as complete sets. When ordering spares specify whether parts are for Lucas or Wipac equipment. Distinguishing features are:

LUCAS=Contact Breaker 2 1/8 in. dia.; 2 screw fixing; 3/4 in. dia. cam.

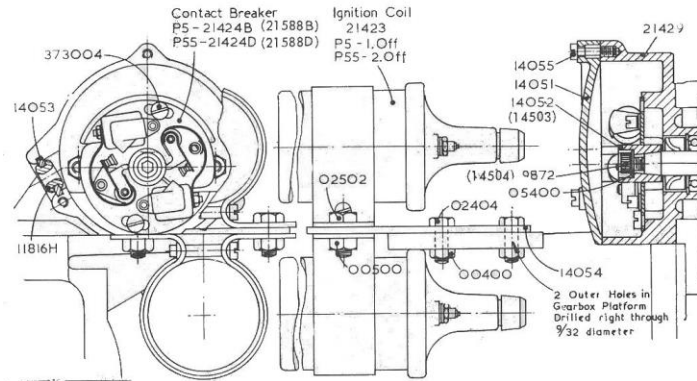
WIPAC=Contact Breaker 3 in. dia.; 4 screw fixing; 5/8 in. dia. cam.

| Part No. | | Description |
|-----------|-----------|--------------------------------------|
| Lucas | Wipac | |
| 21424B | 21588B | Contact Breaker, P5 |
| 21424D | 21588D | Contact Breaker, P55 |
| 14052 | 14503 | Cam |
| 07402 | 07406 | Cam Screw |
| 05400 | — | Cam Screw Washer |
| 373004(2) | 373004(4) | Screws, contact breaker fixing |
| 21429 | 21429 | Housing, contact breaker |

STUART TURNER LTD.

HENLEY-ON-THAMES, OXON
ENGLAND

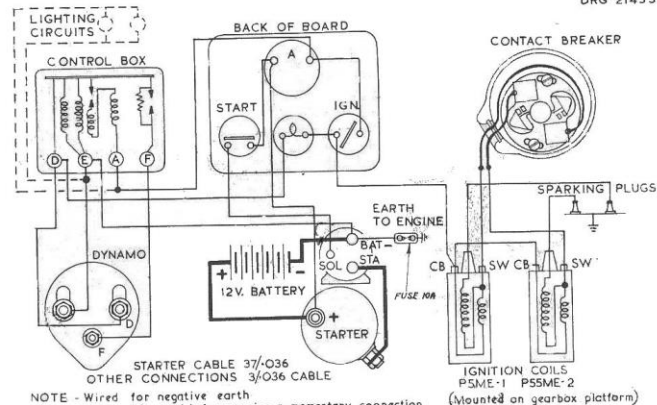
TEL. HENLEY-ON-THAMES 2655



NUMBERS IN BRACKETS REFER TO WIPAC EQUIPMENT.

Drg. 21460

DRG 21453



NOTE - Wired for negative earth. After wiring and before running a momentary connection should be made between A and D on the Control Box. This will ensure that the dynamo polarity is correct for charging the battery

STUART TURNER LTD
HENLEY-ON-THAMES

9. Assemble the Contact Housing Cover 14051, and fit the ignition coils to the gearbox platform, as shown in Drg. 21460. For convenience or wiring, clamp the coils so that the C. B. terminals are farthest from the engine. Complete the wiring, which is arranged for negative earth. After wiring and before running a momentary connection should be made between A and D on the Control Box. This will ensure that the dynamo polarity is correct for charging the battery.

10. Set the plug points at .022" to .025". Too wide a gap will cause misfiring at full throttle, while too small a gap causes poor idling. When adjusting the gap move the side point - never bend the centre electrode.

11. As most of the bedding-down of the contact breaker heel occurs during the first 15-20 hours running, the gap between contacts must be checked at intervals during this period and reset to give a gap of .012"/.015". If after lengthy use the points become burned or blackened, clean them with fine carborundum stone or emery cloth, wiping carefully afterwards to remove every trace of metal dust. When the points become worn or pitted it is well worth while for reliable and trouble-free performance to renew both contact sets.

STUART TURNER LTD
HENLEY-ON-THAMES