



Attention Service Manager

SERVICE BULLETIN

CAR 21/78

FCAR -

PDIS-

190778

SIGHTED BY:

PAH

TECHNICAL

COOLING SYSTEM MODIFICATIONS

STAG

In order to maintain adequate cooling during hot weather operation modifications have been introduced to maintain a more stable water level in the cooling system, and also improve filling and topping up procedures. Whilst not involving major modifications it is necessary to add components and reposition others.

The main change is the addition of an auxiliary electric cooling fan activated by a thermo switch fitted to an adaptor in the top radiator hose. Refer installation diagram.

Triumph 2500 Auxiliary fan and cowl assemblies are to be used, these should be obtained from your State Service Office.

The basic modification kit contains the under listed parts available only through Parts & Accessories Division under Part No. HYL 6840.

Kit Part No. HYL 6840 Contains:-

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|-----|----------|-----------------------|
| 1. | UKC 8992 | Thermo switch |
| 2. | AYD 2227 | Adaptor, top hose |
| 3. | AYD 9438 | Bracket top - 2 off |
| 4. | AYD 9439 | Bracket lower - 2 off |
| 5. | AYA 2037 | Bleeder cock |
| 6. | GTS 103 | Thermostat |
| 7. | ADP 210 | Plug |
| 8. | AYG 36 | Washer |
| 9. | MYH 660 | Washer |
| 10. | MYH 2123 | Adaptor |

NOTE: The kit does not contain electrical wiring, fuse and holder or relay for fan installation, these items should be purchased separately.

To modify a vehicle proceed as follows:-

1. Remove radiator top hose and cut 76 mm (3") out of it to accommodate adaptor (AYD 2227) bleeder AYA 2037 and thermo switch UKC 8992 and washer MYH 660.
2. Refit hose using two additional clips.
3. Remove thermostatic vacuum switch from radiator and discard. Pipe vacuum retard direct from carburettor to distributor.
4. Fit adaptor MYH 2123 to radiator.

5. Remove thermal transmitter from rear of cylinder block and fit into radiator adaptor MYH 2123. Extend wiring to suit new position.
6. Fit plug ADP 210 and washer AYG 36 to original thermal transmitter hole.
7. Reposition overflow bottle as shown in diagram using original waist strap and bolt to tower.
8. Remove thermostat and replace with GTS 103 supplied.
9. Fit top brackets (AYD 9438) to fan cowl. Fit lower brackets (AYD 9439) to fan cowl.
10. Remove grille and offer fan assembly up to front panel.
11. Mark two top holes spaced evenly from centre of top panel.
12. Drill two 7.9 mm (5/16") holes and secure top brackets temporarily.
13. Allow fan assembly to sit with lower brackets against front apron and mark lower holes, drill two 7.9 mm (5/16") and mount lower brackets.

Wiring

1. Wire the fan via a relay with an in-line 15 amp fuse between relay and fan.
2. Trigger the relay via thermo fan switch.
3. Fan to be live in ignition 'on' position.
4. Check fan for correct rotation.

Filling Procedures

1. Completely fill expansion bottle and replace cap.
2. Fill system via radiator top plug with bleeder open.
3. Gently squeeze top hose to expel air via the bleeder.
4. When level is correct in plug hole replace plug.
5. Again gently squeeze top hose until water is expelled via bleeder and close bleeder.

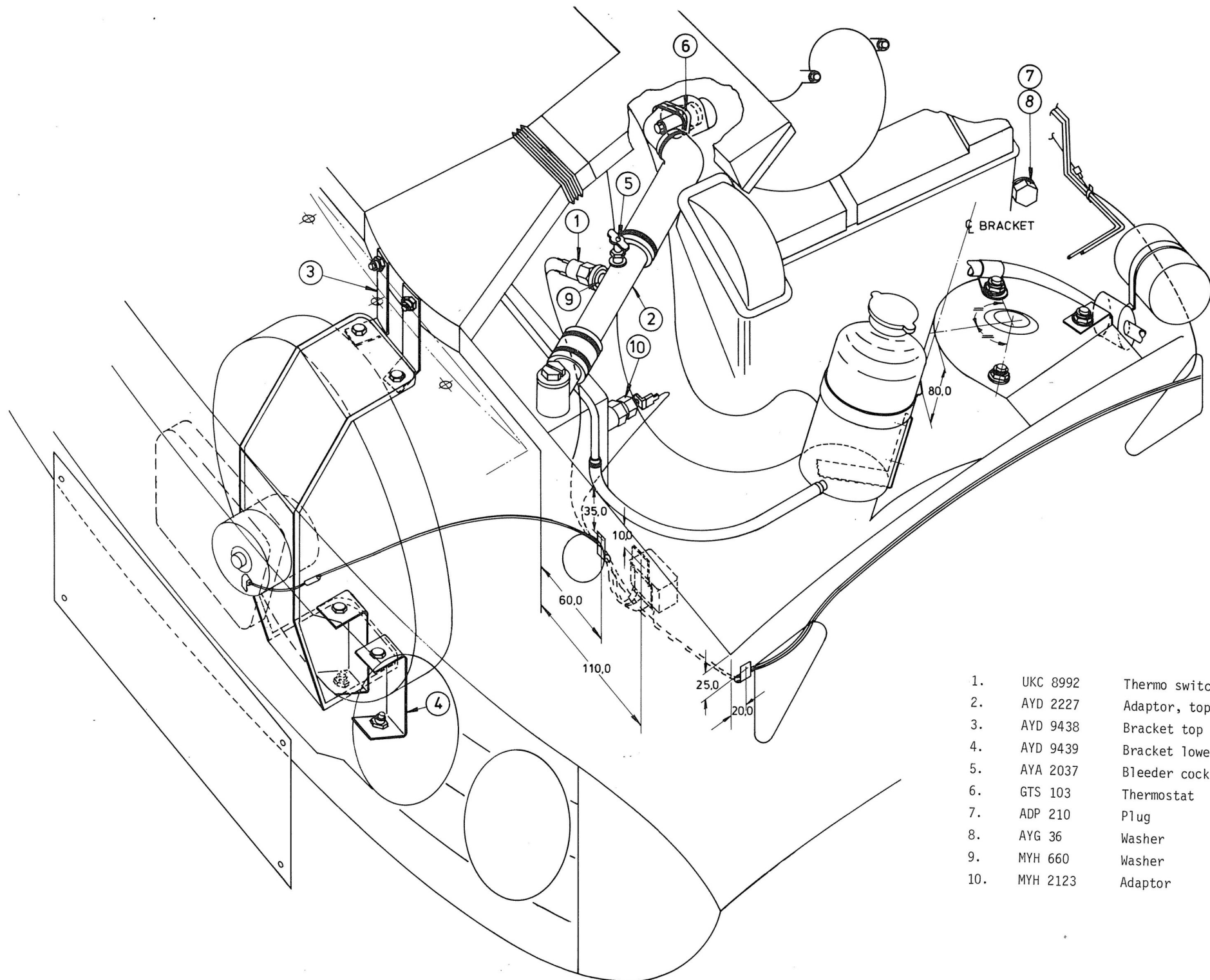
NOTE: Before letting hose go remove the radiator cap so that water can recover from the expansion tank.

6. Replace radiator cap.
7. Warm engine and recheck for air at the bleeder.

To modify a vehicle under warranty prior approval or Service Engineers Authority is required.

The information contained in this bulletin is product improvement information. Leyland Australia is not committed to nor liable for modifying existing vehicles.

PRODUCT SERVICE
CAR AND FOUR WHEEL DRIVE
DOIY - 553/KW.



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