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**STANDARD PREPARATION AND  
DISPOSAL DUTIES**

**FOR**  
[www.railcar.co.uk](http://www.railcar.co.uk)

**MULTIPLE UNIT DIESEL TRAINS**

**(3-, 6- AND 9-CAR UNITS)**

**STANDARD FULL PREPARATION DUTIES FOR  
3-, 6-, AND 9-CAR MULTIPLE UNIT DIESEL TRAINS**

1. Open driving compartment door at leading end, enter and check:-
  - (1) Handbrake "ON".
  - (2) Detonator case intact.
  - (3) Close battery control circuit switch (key).
  - (4) Headlamps or route indicator setting as required.
  - (5) Destination indicator, re-setting as required.
2. Proceed to first engine. Observe fuel level in adjacent tank. Start engine and run until engine idles satisfactorily.
3. Repeat for second engine on same side (3-car sets).
  - " " third " " " " (6-car sets).
  - " " fourth " " " " (6-car sets).
  - " " fifth " " " " (9-car sets).
  - " " sixth " " " " (9-car sets).
4. Pass round end of train and repeat starting operation on remaining engines in turn, finishing at the power car from which the train is to be driven.
5. Proceed to first intermediate driving compartment (see instructions under "Enter rear driving compartment" in the case of a 3-car set) and check:-
  - (1) Handbrake "OFF".
  - (2) Detonator case intact.
6. Repeat in second intermediate cab (6-car sets).
  - " " third " " (9-car sets).
  - " " fourth " " (9-car sets).
7. Enter rear driving compartment and check:-
  - (1) Handbrake "OFF".
  - (2) Detonator case intact.
  - (3) Engine indicator lights for engine running.
  - (4) Route indicator—blank.
  - (5) Destination indicator.
  - (6) Air pressure.
8. Descend to ground and return to leading driving compartment.
9. Enter leading driving compartment and:-
  - (1) Stop all engines when air pressure correct.
  - (2) Place A.W.S. key into position and move to "ON". Insert reversing lever and brake handle.
  - (3) Select direction of travel, checking final drive indicator lights.
  - (4) Restart all engines from compartment and check indicator lights.
  - (5) Depress and release A.W.S. reset button, then obtain vacuum 28in. reservoir.  
21in. train pipe.
10. Release throttle handle and release handbrake, checking at the

same time the correct operation of deadman's device, the vacuum brake handle being in the "lap" position.

**STANDARD (PART) PREPARATION DUTIES FOR  
3-, 6- AND 9-CAR MULTIPLE UNIT DIESEL TRAINS  
WHEN INITIAL PREPARATION WORK HAS BEEN  
CARRIED OUT BY MAINTENANCE STAFF**

1. Open driving compartment door at leading end, enter and check:-
  - (1) Handbrake "ON".
  - (2) Air pressure over 75 lb./sq. in.
  - (3) Detonator case intact.
  - (4) Close battery control circuit switch (key).
  - (5) Headlamps or route indicator setting as required.
  - (6) Destination indicator setting as required.
  - (7) Place A.W.S. key into position and move to "ON". Insert reversing lever, select direction of travel and check final drive indicator lights.
  - (8) Start all engines, and check indicator lights.
2. Proceed to first intermediate driving compartment (see instructions under "Enter rear driving compartment" in the case of a 3-car set) and check:-
  - (1) Handbrake "OFF".
  - (2) Detonator case intact.
3. Repeat in second intermediate driving compartment (6-car sets).  
" " third " " " (9-car sets).  
" " fourth " " " (9-car sets).
4. Enter rear driving compartment and check:-
  - (1) Handbrake "OFF".
  - (2) Detonator case intact.
  - (3) Route indicator—blank.
  - (4) Destination indicator.
  - (5) Engine indicator lights for engines running.
5. Return to leading driving compartment, check that at least 75 lb./sq. in. air pressure is available. Depress and release A.W.S. reset button, check that 21in. and 28in. of vacuum is obtained on train pipe and reservoir gauges respectively. Release throttle handle and release handbrake, checking at the same time the correct operation of the deadman's device—the vacuum brake handle being in the "lap" position.

**STANDARD DISPOSAL DUTIES FOR**

**3-, 6- AND 9 CAR MULTIPLE UNIT DIESEL TRAINS**

**When train is stabled**

To include stopping engines, removing control keys, applying handbrake, and closing driving compartment doors in front and rear cabs of train.