

Fig 43a Initial Conditions - 1 Train-No Controls (Single train travels on thru Track 3-controls not

1. Toggle switches K1 \& K2-'DOWN' position (switching \& blocking 'OFF'). operating)
2. Rheostat R1: Turn forward (CW) for no slowdown. Do out adjust.
3. Track switches: S5 \& S1 straight.
4. Relay motor M3: Arm RIGHT (routes power to thru Track 3).
5. Motor M2: Arm 'FRONT' (block 'GREEN').
6. Position engine 5 as shown.

Note: This mode does not require either control unit, if appropriate jumpering is done at term blk TB8.


Fig 43b Initial Conditions - 1 Train—Blocking (Single train travels on thru Track 3-using Main Control

1. Toggle switch K1 'DOWN' (switching OFF). K2 ‘UP' (blocking 'ON').
2. Rheostat R1: Turn forward (CW) for no slowdown. Do out adjust.
3. Track switches: S5 \& S1 straight.
4. Relay motor M3: Arm RIGHT (routes power to thru Track 3).
5. Motor M2: Arm 'REAR' (block 'RED').
6. Position engine 5 as shown. Engine 5 must be UPSTREAM of T2..

Note: This mode allows you to verify proper operation of the blocking motor M2, plus the red/green part of the target signal light.


Fig 43c Initial Conditions - 2 Trains—Blocking (Trains run on Track 3 , using Main Control

1. Toggle switch K1 'DOWN' (switching OFF). K2 'UP' (blocking 'ON').
2. Rheostat R1: Turn forward (CW) for no slowdown. Adjust after trains are running.
3. Track switches: S5 \& S1 straight.
4. Relay motor M3: Arm RIGHT (routes power to thru Track 3).
5. Motor M2: Arm 'REAR' (block 'RED').
6. Position engines 3 \& 5 as shown. Engine 5 must be UPSTREAM of T2..



Summary: This sheet shows how to position the trains and relay switches to start the system, when you have the 1 and 2-track configurations.

Proceed later to Sheet 44 after you have built the 4-track configuration.


