Trainmaster TMCC Cab-1 Pocket Quick Reference

By Ted Piunno

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Having trouble remembering those Lionel Trainmaster Cab-1 command sequences? This pocket quick reference card lists common commands for engine and train operations such as lash-ups and stall settings. And it saves you from having to locate or carry around your TMCC Owner's Manual. It comes in pretty handy for me when I'm running trains on the RMD modules. There are two sizes – one you can fold in half and keep in your wallet. The other you can fit in your shirt pocket. Photocopy the reference cards, cut them out and, if possible, laminate them so they'll last longer. Happy running!

LIONEL TRAINMASTE	R COMMAND (TMCC)	
Track Power On (using Powermaster)	TR, 1, BOOST	
······································	(Command or Conventional Mode)	
Track Power Off (using Powermaster)	TR, 1, AUX1, 0 (Cmd or Conv Mode)	
Address Engine (e.g., Eng. #23)	ENG, 2, 3	
Address Train (e.g., Train. #9)	TR, 9	
Engine/Train Functions	Address Engine or Train	
Headlight on/off	AUX2	
Operate front coil coupler	COUPLER F	
Operate rear coil coupler	COUPLER R	
Program Engine's number	- Set engine switch to PROGRAM	
(e.g., Eng. #15)	- ENG, 1,5, SET (Horn will sound)	
Look Hee	- Set engine switch to RUN	
Lash-Ups Example:	FRONT MIDDLE REAR	
Train no. = 9	- First, couple all engines	
Front engine no. = 90	- TR, 9, 9, 0, F, SET (horn)	
Rear engine no. = 42 (rear-facing)	- TR, 9, 4, 2, R, DIR, SET (horn)	
Middle engine no. = 30	- TR, 9, 30, SET (horn sounds)	
Reset lash-up direction	- TR, 9, AUX1, 0	
'	- Now, use Throttle, DIR, BELL, etc.	
If a Lash-up engine is out of sync:	///	
- Reset Train's lash up-direction	TR, <i>Train</i> #, AUX1, 0	
or	or	F 11
- Re-assign Engine to Train	Re-assign Engine with/without DIR	Fold
Remove Engine from a Lash-Up	- TR, 0, 42, SET (horn)	
Remove Engine from a Lash-Up Example: Engine no. 42	(Assigns eng. #42 to Train 0)	
	(Assigns eng. #42 to Train 0) (Cmd or Conv.mode)	
Example: Engine no. 42 Set Momentum Low (fast throttle - Engine or Train)	(Assigns eng. #42 to Train 0)	
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	TER COMMAND (TMCC)
Track Power On	- TR, 1, BOOST
(w/Powermaster)	(Cmd. or Conv. Mode)
Track Power Off	- TR, 1, AUX1, 0
(w/Powermaster) Address Engine	- ENG, 2, 3
(e.g., Eng. #23)	- ENG, 2, 3
Address Train	- TR, 9
(e.g., Train. #9)	
Engine/Train Functions	Address Engine or Train
Headlight on/off	AUX2
Operate front coupler	COUPLER F
Operate rear coupler	COUPLER R
Program Engine's number (e.g., Eng. #15)	- Engine switch to PROGRAM - ENG , 1 , 5 , SET (Horn)
(e.g., Elig. #13)	- Engine switch to RUN
Lash-Ups	
Example:	FRONT MIDDLE REAR
Train no. = 9	- First, couple all engines
Front engine no. = 90	- TR, 9, 9, 0, F, SET (horn)
, and the second s	- TR, 9, 4, 2, R, DIR, SET
Rear engine no. = 42	- IR, 9, 4, 2, R, DIR, SEI (horn)
Middle engine no. = 30	- TR, 9, 30, SET (horn)
Reset lash-up direction	- TR, 9, AUX1, 0
Lash-up engine out of	
sync?	
- Reset lash up-direction	- TR, <i>Train</i> #, AUX1, 0
or	
- Re-assign Eng. to Train	- With or without DIR
Remove Engine from a	- TR, 0, 42, SET (horn)
Lash-Up	(Assigns Eng. #42 to Train 0)
Example: Engine no. 42 Set Momentum	(Cmd or Conv.mode)
- Momentum-Low (fast	L (hold for 2 seconds)
throttle)	_ (
- Momentum-Medium	M (hold for 2 seconds)
- Momentum-High (slow	H (hold for 2 seconds)
throttle)	
Set stall voltage (Engine or	- Address Engine or Train
Train – Command only)	- Throttle up to slow speed
To report stall voltage, press	- SET (Engine/Train stops)
To reset stall voltage, press Set button twice - one	 Throttle up to slow speed Reduce throttle to just
second each time.	stop engine
	- SET (horn)
Clear stall setting (Engine or	- Address Engine or Train
Train)	 Press SET twice, one
Oct Maximum M. II	second each time.
Set Maximum Voltage	 Address Engine or Train SET (Engine/Train stops)
	- Throttle up to max desired
1	speed
	- BOOST
Clear Maximum Voltage	- Address Engine or Train
	 SET (for one second
Design (T. 1	- BOOST (for one second)
Reset Engine/Train	 Address Engine/Train AUX1, 0
Use Engine/Train Features	- Address Engine
Coo Engine, Hain Foatures	- AUX1, Feature # (1-9)