

ELEC-TRAK E-12 AND E-20 QUIZ

NAME _____ DEALERSHIP _____

1. The tractor direction (forward/reverse) is changed by using the (1) transaxle lever, (2) speed control - reversing motor field, (3) speed control reversing motor armature.
2. The first heavy contactor(s) to pick up in forward direction are (1) 1R and 2R, (2) 1A, (3) 1F and 2F, (4) none of the above.
3. Card #4 is used for (1) time delay circuit, (2) return to neutral, (3) field weakening relay circuit and cruise control, (4) reversing tractor.
4. The cruise control will only lock in the (1) 3rd, (2) 4th, (3) 6th, (4) 9th speed range.
5. The E-12 has (1) four, (2) three, (3) five, (4) two forward speeds.
6. The E-20 has (1) seven, (2) three, (3) eight (4) five forward speeds.
7. The E-20 has (1) three, (2) four, (3) eight, (4) five reverse speeds.
8. The E-12 motor centrifugal switch closes when motor is up to speed and allows (1) 1A, (2) 2A, (3) 1R and 2R contact to pick up.
9. The E-12 motor is protected from overload by an internal breaker (CB-1). The E-20 motor is protected by (1) external breaker only CB-1, (2) internal breaker only CB-3, (3) both CB-1 and CB-3.
10. The return to neutral circuits (PTO and speed control) use (1) card #1, (2) card #4, (3) card #3, (4) relays on upper control panel.
11. The E-20 with the speed control at full speed will automatically shift down to the (1) 4th; (2) 5th, (3) 3rd, (4) 6th speed position if the armature current is above the nominal level.

12. The F & R switch closes in reverse only. When this switch closes, it provides only (1) four speeds in reverse, (2) six speeds in reverse, (3) all eight speeds in reverse, (4) allows cruise control in reverse.
13. The transaxle and brake is the same only on the (1) E12S and E-15, (2) E-12 and E-20, (3) E-12S, E-15, E-12 and E-20.
14. All ELEC-TRAKS have same (1) tire size, (2) charger, front lift and lights, (3) control system, (4) seat.
15. The E-12 control is similar to the E-12S except the E-12 (1) reverses motor armature polarity and does not have card #1, (2) does not have card #4, (3) reverses motor field, (4) no difference, E-12 and E-12S have same control.
16. The E-20 control is similar to the E-12 except the E-20 also has (1) R T N relays, (2) card #4, cruise control, card #3 and FW relay, (3) 1F and 2F, (4) 1A.