

TOU 11 and 14 TROUBLES

<u>SYMPTOM</u>	<u>CAUSE</u>
1. Tape binds	Tape Guide adjustment
2. Wrong selection —	Top plate guide not adj.
3. Wrong selection —	Feed wheel detent adj.
4. Tape tears	Top plate adj. (low)
5. Poor selection (code bars) —	Top Plate adj. (high)
6. Poor selection (code bars) —	Selector lever bail adj. screw adj.
7. Tape does not feed properly	Tape feed lever screw adj.
8. Poor selection (code bars) —	Spreader cam shaft timing adj.
9. Poor selection (code Bars) —	Transfer bail ecc. shaft adj.
10. Poor selection (code bars) —	Selector assembly adj.
11. Poor selection (code bars) —	Transfer bail adj. screw adj.
12. No upper case	Shift lever screw adj.
13. No lower case	Shift latch adj.
14. Tape feeds on elevator code	Elevator bell crank latch bracket adj.
15. Tape feeds before elevator seats	Selector clutch reset link ecc. adj.
16. Tape feeds before elevator seats	Selector clutch throwout lever bail
17. Elevator rises more than once	Elevator clutch reset lever adj.
18. Tape stops on UR or LR	Delay feed pawl operating lever adj.
19. Tape stops on UR or LR	Delay push bail screw adj.
20. Wrong delay time on UR or LR	Time delay adj.
21. No delay on UR or LR. No thin space on thin and add thin	Tape feed stop bail lever ecc.
22. Poor selection (code bars) — ✓	Depressing bail bearing bracket
23. Poor selection (code bars) — ✓	Depressing bail roller bracket shims
24. Continous delay on all combinations except thin space	Code bar extension detent screw
25. Miss double characters	Delay follower arm roller
Miss thin space on thin and add thin	Delay selector lever operating arm
26. Miss all characters but thin space	Tape feed upper blocking arm extension
27. Miss double characters	Latch blocking lever off #7 code lever
28. Continous delay on thin and add thin space	#6 or #7 code lever springs weak
29. No delay on UR or LR	Delay selector lever operating arm spring
No thin space on thin and add thin	Detent roller arms binding (springs weak)
30. Tape stops on repeat characters	(sensing shafts for function blocking arm)
31. Delay on rub out tape, One delay on UR or LR.	Block bar extension pawl spring weak or off
32. Continous delay on repeat character	Weak feed wheel detent spring
33. Miss characters after thin space or add thin space	Elevator clutch numbers (teeth worn)
34. Elevator shaft clutch fails to disengage	Mats or foreign matter dropping into operating unit.
35. Miss characters or functions	Push bar springs weak
36. Miss characters or functions	Operating unit position
37. Miss characters or functions	Elevator safety spring weak
38. Elevator does not rise full travel	Elevator safety spring strong
39. Elevator jams mats excessively	Elevator cam roller casting screw
40. Operating unit stops	Selector trip arm extension
41. Operating unit stops	Delivery slide fork adj.
42. Elevator does not rise	Delivery slide fork floating lever ecc. adj.
43. Elevator does not rise	Lateral rail stop screw
44. Elevator jam on UR	Vertical link adj.
45. Elevator jam on UR	Upper rail push bar lever screw
46. Failure of lateral rail to shift to UR	Lower rail push bar lever screw
47. Failure of lateral rail to shift to LR	

SYMPTOM

- 48. Elevator clutch trip timing off
- 49. Elevator hangs on safety latch
- 50. Elevator hangs on safety latch
- 51. Elevator rises before delivery slide returns
- 52. Elevator hangs on safety latch when line delivers
- 53. Wrong selection (code bars) —
- 54. Miss double characters
  
- 55. Selection irregularities —
- 56. Selection irregularities —
- 57. Selection irregularities —

CAUSE

- Delivery slide arm follower
- Elevator safety latch stop screw
- Delivery slide bar spring weak or off
  
- Delivery lever roller arm spring is off
  
- Safety latch adj.
- Selector levers bind (springs weak)
- Spreader cam shaft timing code bar extension guide (max.) Delay cam followed arm (min.)
- Code bar extension detent
- Code bar extension detent end play
- Code bar extension detent roller