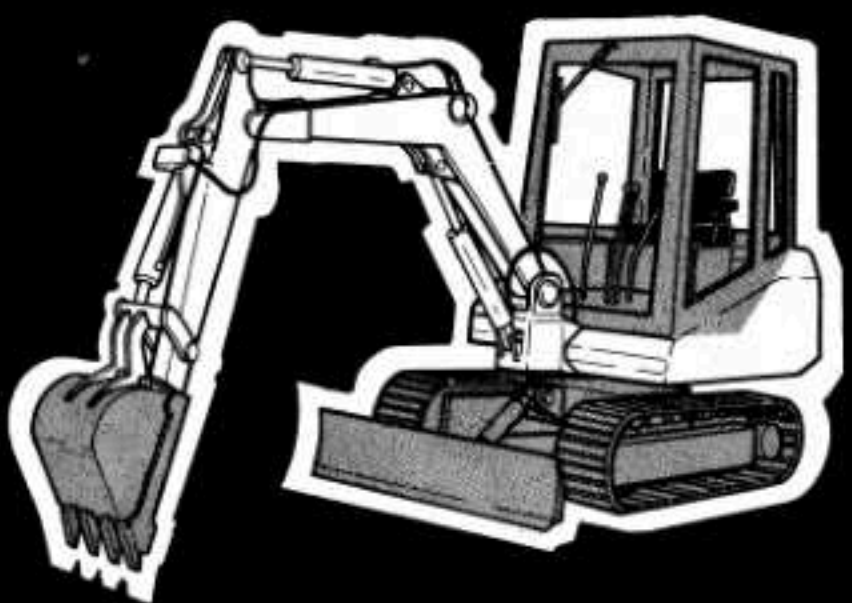
bobcat

116 HYDRAULIC EXCAVATOR

SERVICE MANUAL



MELROE COMPANY

6570484 (4-87)-SC

A BUSINESS UNIT OF ELMA EQUIPMENT COMPANY

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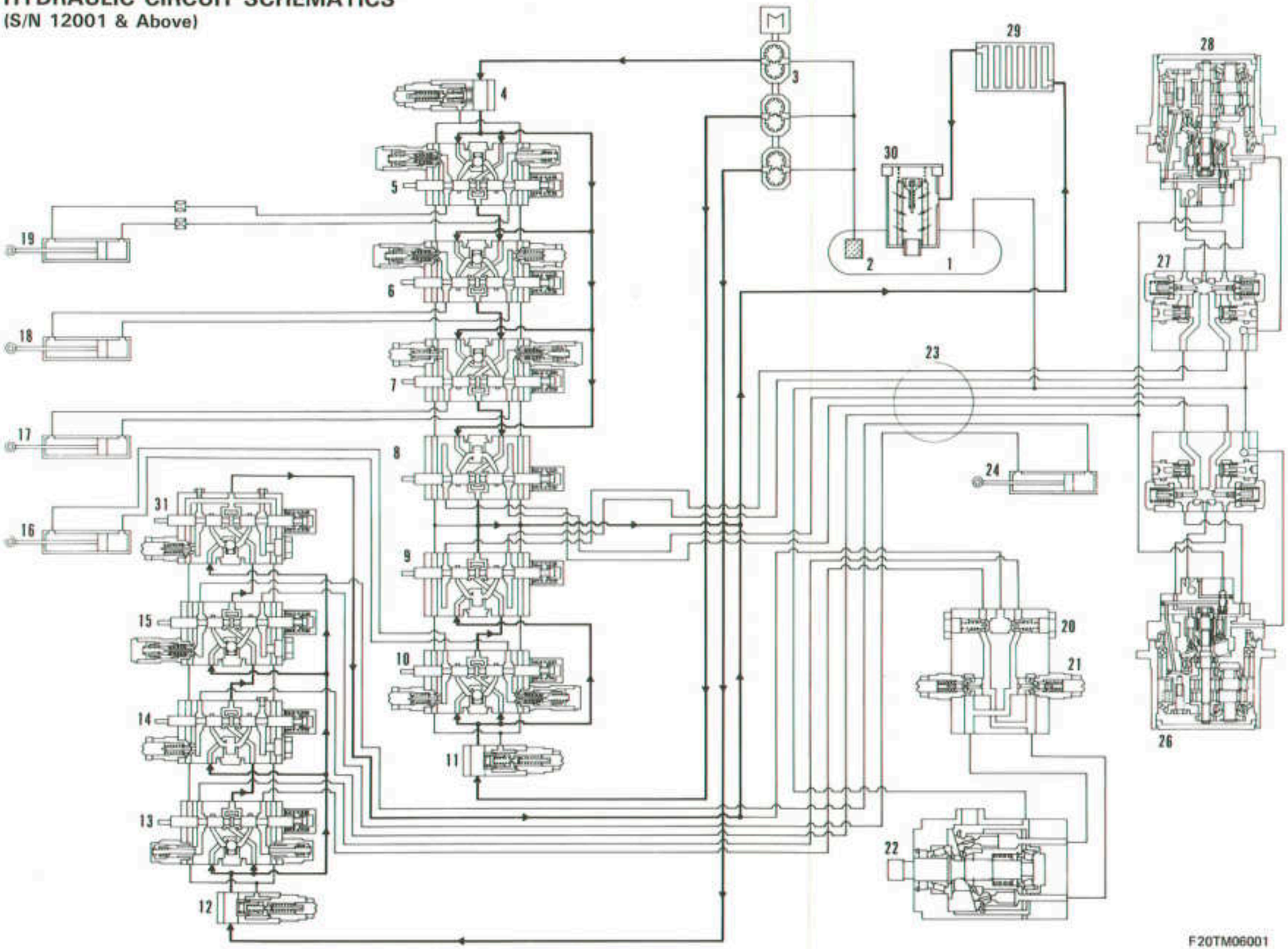
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HYDRAULIC CIRCUIT SCHEMATICS
(S/N 12001 & Above)



1. Hydraulic tank
2. Strainer
3. Triple gear pump
4. Main relief valve (For boom swing, boom, bucket and L.H. travel)
5. Boom swing control valve
6. Boom control valve
7. Bucket control valve
8. L.H. travel control valve
9. R.H. travel control valve
10. Arm control valve
11. Main relief valve (For arm and R.H. travel)
12. Main relief valve (For swing, travel acceleration and blade)
13. Swing control valve
14. Travel acceleration selector valve
15. Blade control valve
16. Arm cylinder
17. Bucket cylinder
18. Boom cylinder
19. Boom swing cylinder
20. Check valve
21. Relief valve
22. Swing motor
23. Center swivel joint
24. Blade cylinder
25. L.H. travel brake valve
26. L.H. travel motor
27. R.H. travel brake valve
28. R.H. travel motor
29. Piping cooler
30. Hydraulic oil filter
31. Breaker control valve

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