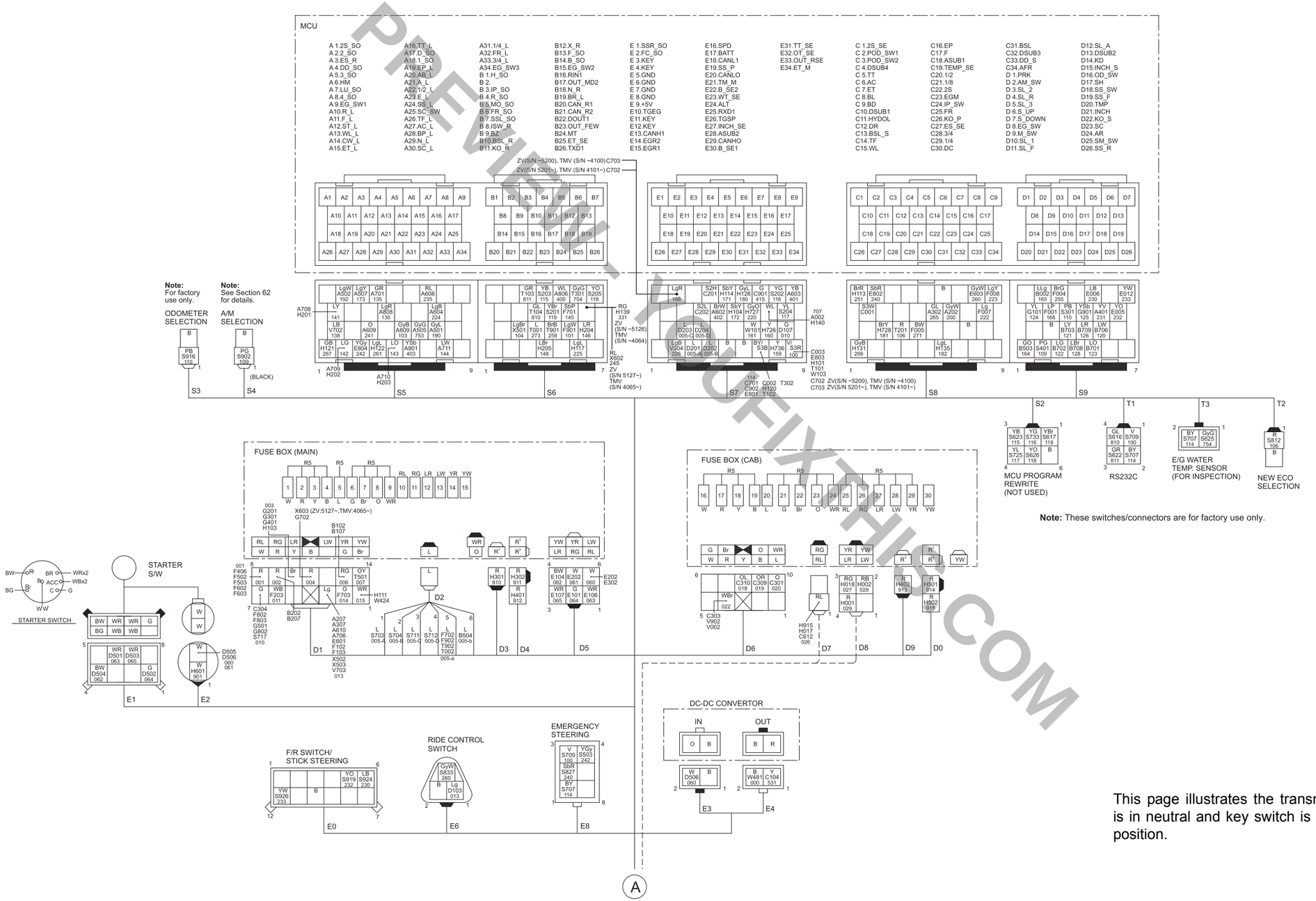
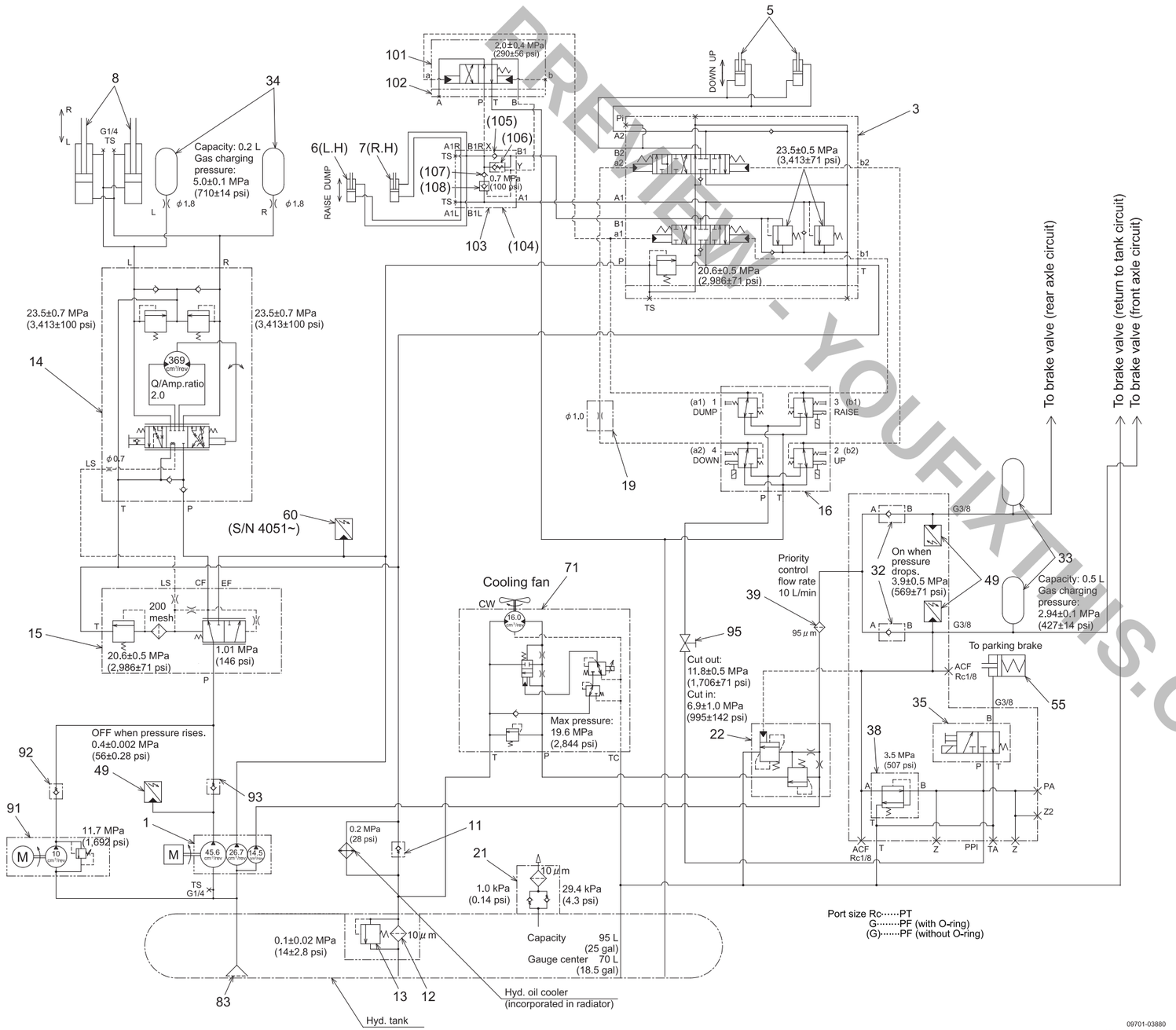
# Electrical Wiring Diagram (2/4) (S/N 4051~4200)




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# Hydraulic & Brake Circuit




09701-03880
K65T2U92005

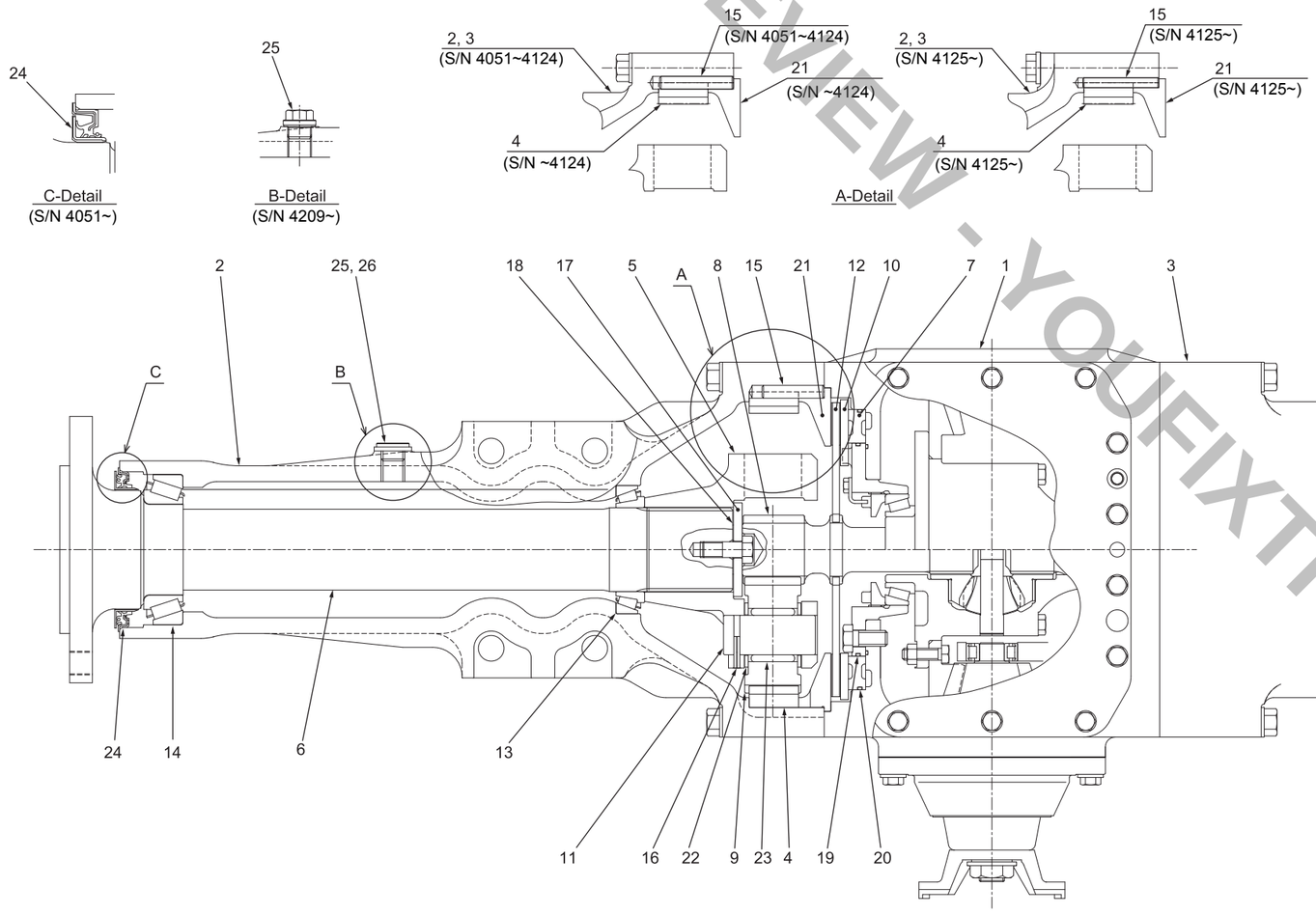
1. Hydraulic pump
   Front.....Steering
   Center.....Loading
   Rear.....Brake and Pilot
2. —
3. Multiple control valve (loading circuit)
4. —
5. Boom cylinders
6. Bucket cylinder
7. Bucket cylinder
8. Steering cylinders
9. —
10. —
11. Check valve (oil cooler bypass)
12. Return filter
13. Relief valve (return filter bypass)
14. Orbitrol®
15. Priority valve
16. Pilot valve (for loading)
17. —
18. —
19. Adapter (orifice, slow spool return)
20. —
21. Breather valve (oil filling port)
22. Unloader valve
23. Brake valve
24. —
25. —
26. —
27. —
28. —
29. —
30. —
31. —
32. Check valve
33. Accumulator (for brake)
34. Accumulator (for steering)
35. Solenoid valve (for parking brake)
36. —
37. —
38. Reducing valve (pilot, parking brake)
39. Line filter
40. —
41. —
42. —
43. —
44. —
45. —
46. —
47. —
48. —
49. Pressure sensor (for brake oil pressure) (for secondary steering)
50. —
51. Pressure sensor (for declutch & stop lamp)
52. —
53. —
54. —
55. Oil cylinder (for parking)
56. —
57. —
58. —
59. —
60. Pressure sensor (for ELS & new ECO mode)
61. —
62. —
63. —
64. —
65. —
66. —
67. —
68. —
69. —
70. —
71. Fan motor
72. —
73. —
74. —
75. —
76. —
77. —
78. —
79. —
80. —
81. —
82. —
83. Suction strainer

91. Motor and pump (OPT) (for secondary steering)
92. Check valve (OPT)
93. Check valve
94. —
95. Valve (for safety lock)
101. Pilot valve (for two-speed dump)
102. Block
103. Check valve assembly
(104 ~ 108) Check valve

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# Axle Assembly

**Front axle assembly**

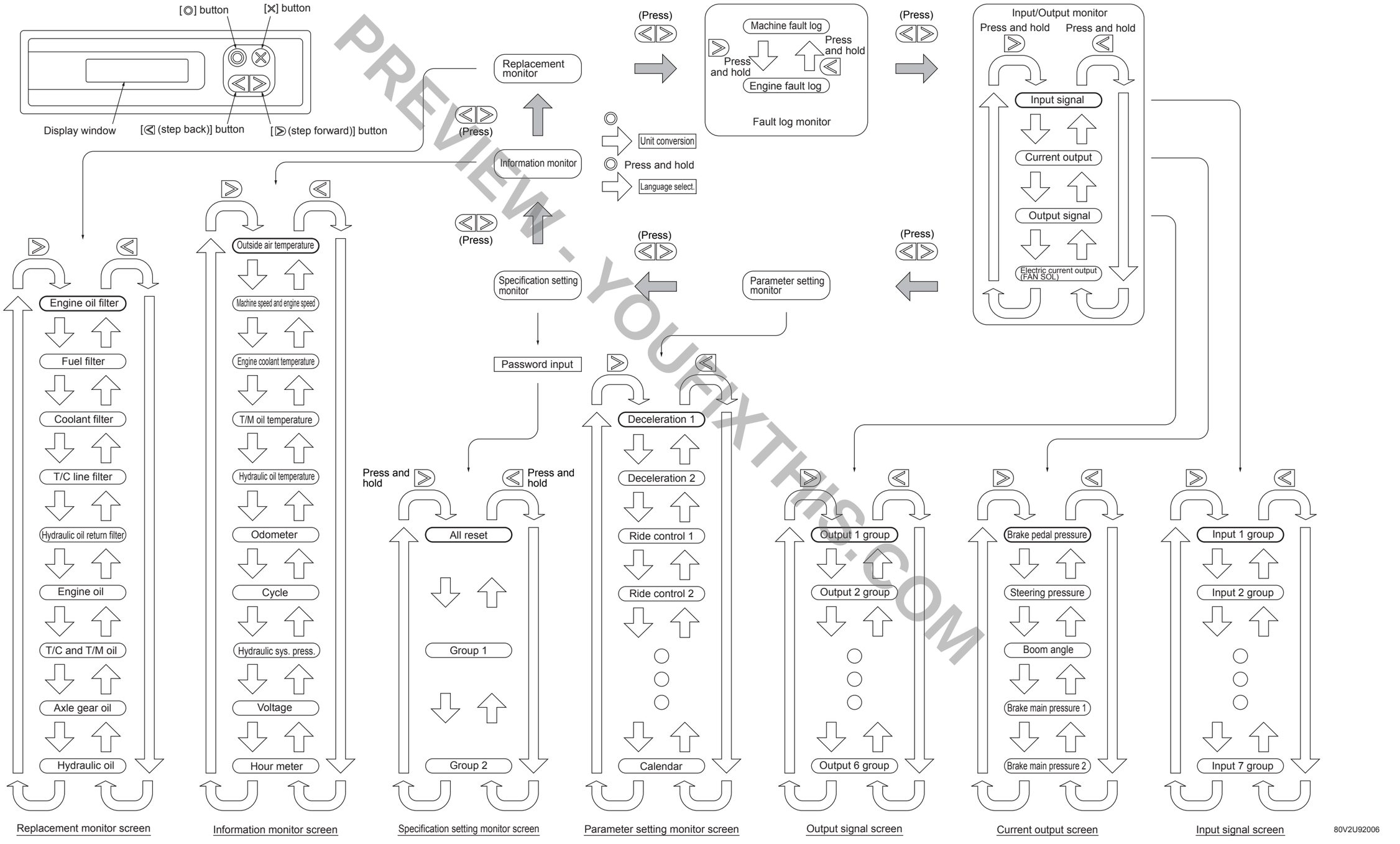



1. Differential assembly
2. Axle housing
3. Axle housing
4. Internal gear
5. Spider
6. Axle shaft
7. Piston
8. Sun gear
9. Planetary gear
10. Separation disc
11. Pin
12. Friction disc
13. Taper roller bearing
14. Taper roller bearing
15. Straight pin
16. Spring pin
17. Plane washer
18. Shim
19. O-ring
20. O-ring
21. Brake backing plate
22. Wear ring
23. Needle cage
24. Oil seal
25. Plug
26. Seal washer

K65V2U92006

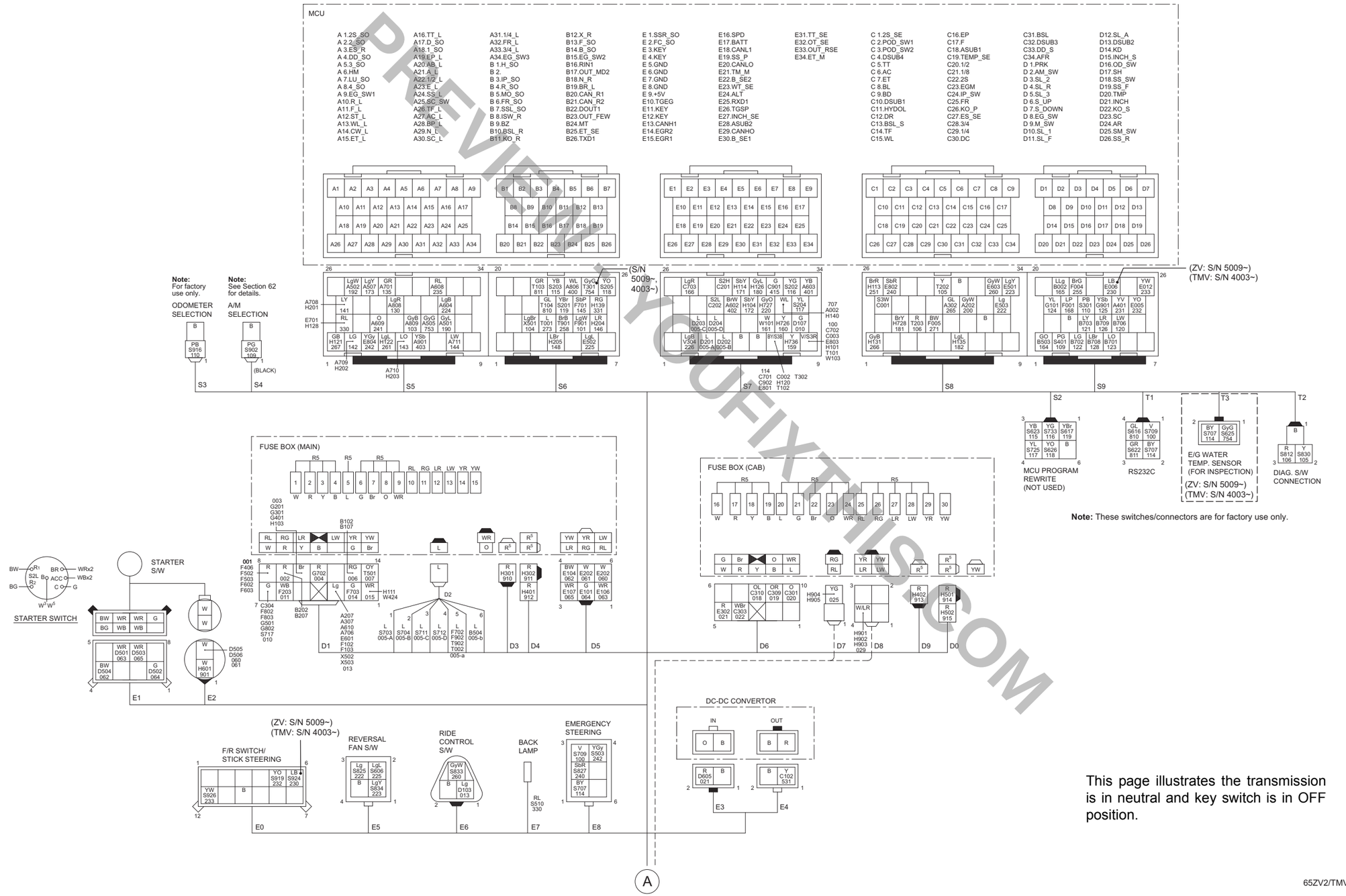
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# Outline of MODM (Machine Operation Diagnostic Module) Operation




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# Electrical Wiring Diagram (2/4) (S/N 4001~4030)

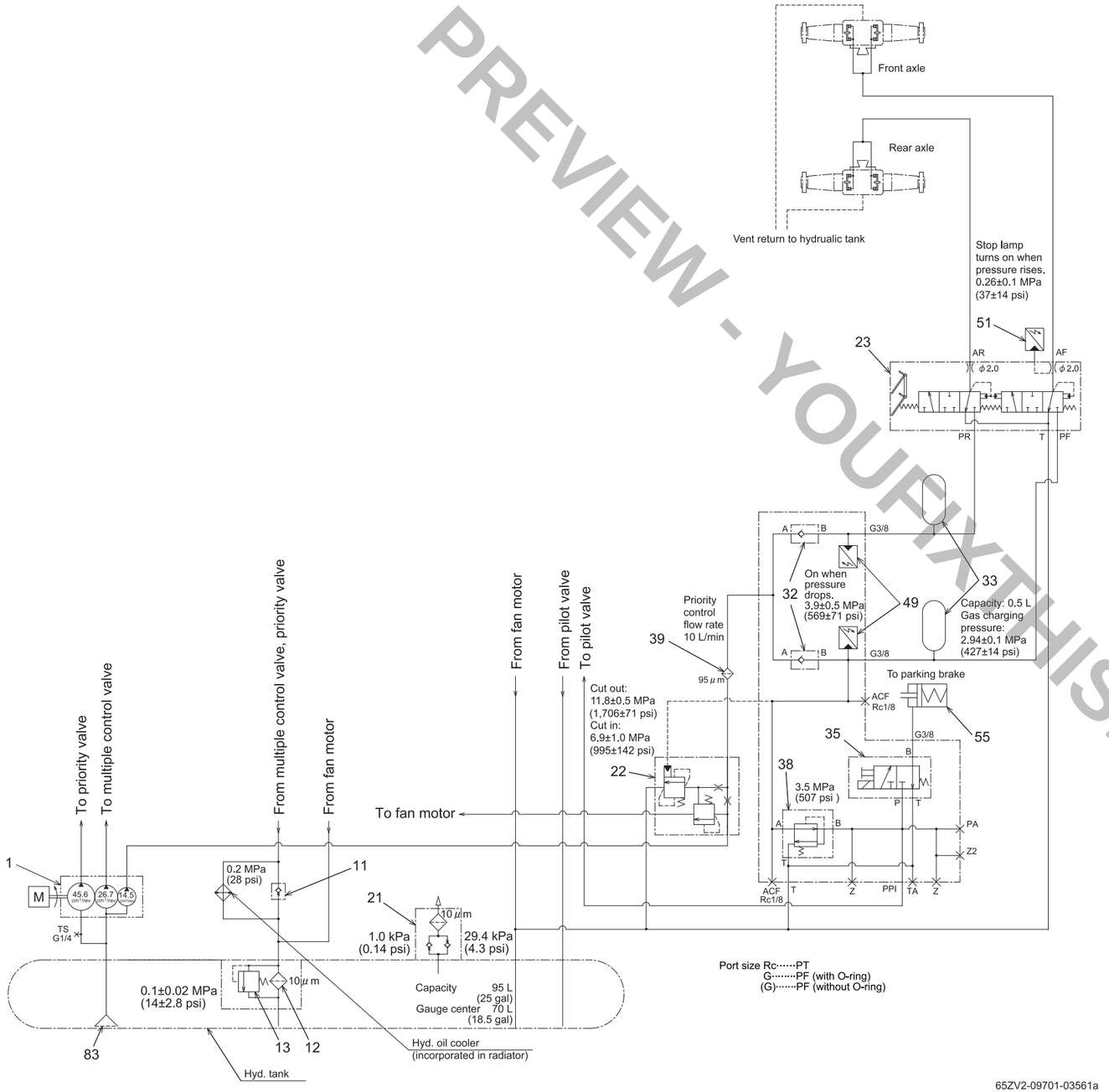



This page illustrates the transmission is in neutral and key switch is in OFF position.



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# Brake Circuit

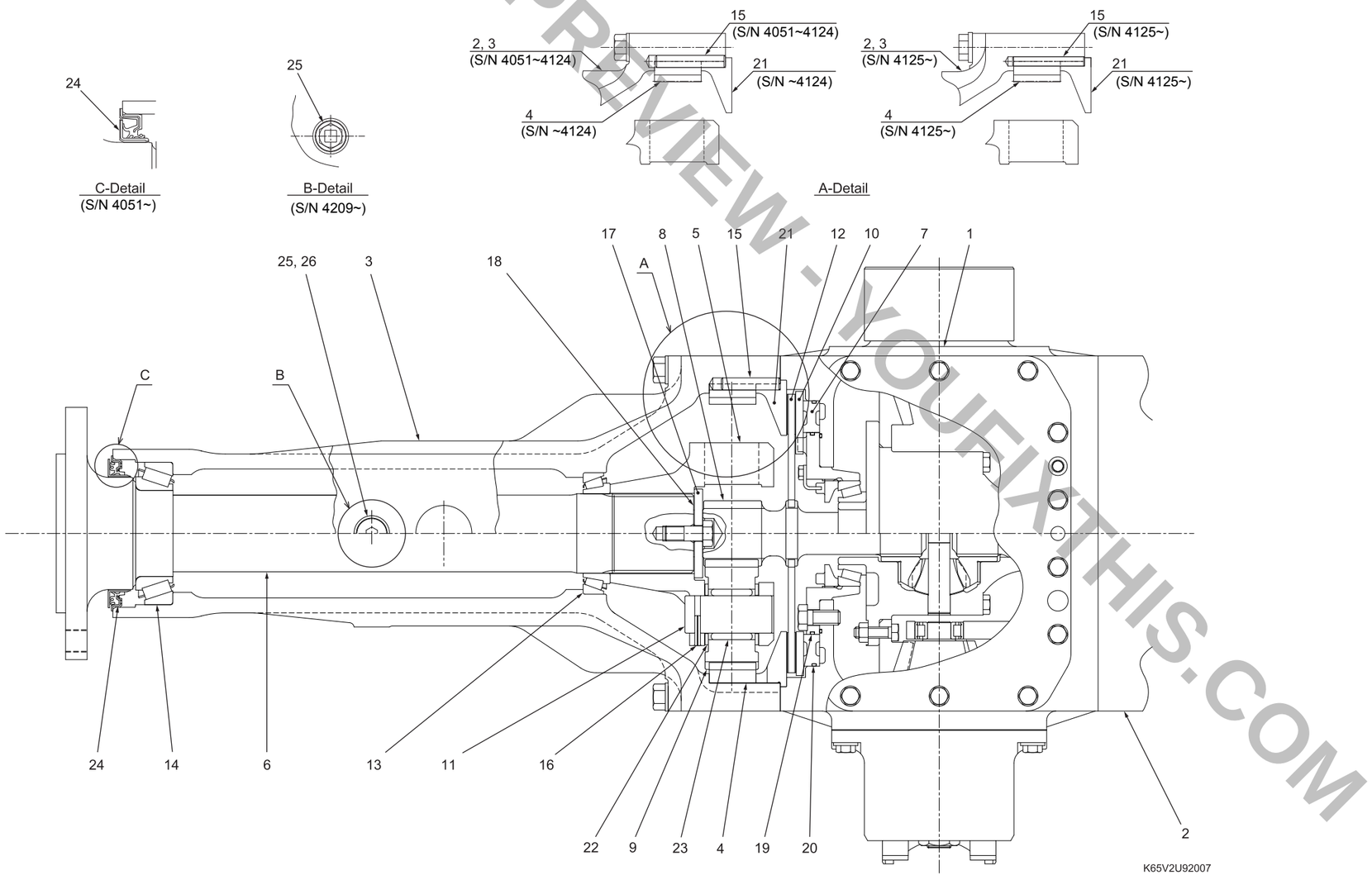



65ZV2-09701-03561a
65T2U92002

1. Hydraulic pump
   Front.....Steering
   Center.....Loading
   Rear.....Brake and Pilot
2. —
3. —
4. —
5. —
6. —
7. —
8. —
9. —
10. —
11. Check valve (oil cooler bypass)
12. Return filter
13. —
14. —
15. —
16. —
17. —
18. —
19. —
20. —
21. Breather valve (oil filling port)
22. Unloader valve
23. Brake valve
24. —
25. —
26. —
27. —
28. —
29. —
30. —
31. —
32. Check valve
33. Accumulator (for brake)
34. Accumulator (for steering)
35. Solenoid valve (for parking brake)
36. —
37. —
38. Reducing valve
    (pilot, parking brake)
39. Line filter
40. —
41. —
42. —
43. —
44. —
45. —
46. —
47. —
48. —
49. Pressure sensor
    (for brake oil pressure)
    (for secondary steering)
50. —
51. Pressure sensor
    (for declutch & stop lamp)
52. —
53. —
54. —
55. Oil cylinder (for parking)
56. —
57. —
58. —
59. —
60. —
61. —
62. —
63. —
64. —
65. —
66. —
67. —
68. —
69. —
70. —
71. —
72. —
73. —
74. —
75. —
76. —
77. —
78. —
79. —
80. —
81. —
82. —
83. Suction strainer
84. —
85. —
86. —
87. —
88. —
89. —
90. —
91. —
92. —
93. —
94. —
95. —

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**Rear axle assembly**




1. Differential assembly
2. Axle housing
3. Axle housing
4. Internal gear
5. Spider
6. Axle shaft
7. Piston
8. Sun gear
9. Planetary gear
10. Separation disc
11. Pin
12. Friction disc
13. Taper roller bearing
14. Taper roller bearing
15. Straight pin
16. Spring pin
17. Plane washer
18. Shim
19. O-ring
20. O-ring
21. Brake backing plate
22. Wear ring
23. Needle cage
24. Oil seal
25. Plug
26. Seal washer

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Power On (MODM Software Version) 3sec. displayed

| SOFTWARE VERSION |
|---|
| ******* |

⇨

| OUTSIDE TEMP |
|---|
| ***° C |

## Main Menu

Specification Setting Monitor

(Initial Screen)

Information Monitor

◎ 3 sec

Language Selection

◎ 2 sec change

✕ No Change

Replacement Monitor

Fault Log Monitor

Input/Output Monitor

Parameter Setting Monitor

Specification Selection Monitor

Information Monitor

Language Selection

Dutch

English

| LANGUAGE |
|---|
| ENGLISH |

Japanese

| LANGUAGE |
|---|
| JAPANESE |

Dutch

| LANGUAGE |
|---|
| DUTCH |

English

(S/N 4001~4010)

Active Error

Press any button

Active Error

| ERROR! CN*** |
|---|
| YYMMDD hh:mm:ss |

Replacing Time Comming

Press any button

Replace Pop Up

| REPLACE! |
|---|
| ENGINE OIL |

Press any button:

( ◎, ✕, ⩥ or ⩤ )

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