TYPICAL S10 or S12 GAS-OIL BURNER

NOTE

SEE PART IV FOR GAS SYSTEM COMPONENTS, PART V FOR OIL SYSTEM COMPONENTS AND PART VI FOR COMBUSTION CONTROLS

1. CONTROL CABINET
2. FLAME DETECTOR
3. FLAME DETECTOR TUBE
4. BACK PLATE ASSEMBLY
5. OIL IGNITION TRANSFORMER <IF USED>
6. MODULATING MOTOR
7. MODULATING MOTOR MOUNTING BRACKET <IF USED>
8. MODULATING PRIMARY AIR CYLINDER LINKAGE ASSEMBLY
9. AIR INLET ASSEMBLY
10. PRIMARY AIR CYLINDER
11. OIL DRAWER ASSEMBLY
   - AIR DIFFUSER
   - OIL NOZZLE
   - OIL NOZZLE ADAPTER
   - OIL IGNITION ELECTRODES <IF USED>
   - MAIN FUEL TUBE
   - IGNITION CABLES <IF USED>
12. COMBUSTION HEAD
13. PRIMARY GAS ORIFICES <OUTER RING>
14. SWIRLER
15. LEAK TEST VALVE
16. BUTTERFLY GAS VALVE
17. SECONDARY GAS ORIFICES <INNER RING>
18. 216C GAS PILOT ELECTRODE ASSEMBLY
19. 216C PILOT PACKING NUT
20. PILOT AIR TUBE
21. BURNER HOUSING
22. TRANSFORMER MOUNTING BRACKET
23. PILOT GAS PRESSURE REGULATOR
24. PILOT SOLENOID VALVE
25. GAS PILOT IGNITION TRANSFORMER
26. BLOWER MOTOR
27. MOTOR MOUNTING PLATE
28. BLOWER WHEEL
29. AIR INLET CONE