



FIGURE 26 - HYDRAULIC & BRAKE SYSTEM

| KEY | ITEM NO. | PART NUMBER | 1 | 2 | 3 | 4 | NOMENCLATURE | UNITS PER ASSY | USAGE |
|-----|----------|-----------------|-----------------|---|--|--------------------------------------|--------------|-------------------|-------------|
| 1 | 2900 | 145-58802-18 | Line | - | Left | Brake Pressure (With Com'l Fittings) | - - | 1 | 2-1564 |
| | 2900-10 | 145-58802-30 | Line | - | Left | Brake Pressure (With Com'l Fittings) | - - | 1 | 2-1564 |
| | 2900-15 | 145-58802-44 | Line | - | Left | Brake Pressure (With AN Fittings) | - - | 1 | 1565 & Subs |
| 2 | 2901 | 145-58802-24 | Line | - | Right | Brake Pressure (With Com'l Fittings) | - - | 1 | 2-1564 |
| | 2900-10 | 145-58802-30 | Line | - | Right | Brake Pressure (With Com'l Fittings) | - - | 1 | 2-1564 |
| | 2901-10 | 145-58802-50 | Line | - | Right | Brake Pressure (With AN Fittings) | - - | 1 | 1565 & Subs |
| 3 | | AN902-4 | Gasket | - | Flared Tube - Universal Fitting | - - - - | - - | 1 | |
| 4 | | AN924-4D | Nut | - | Flared Tube - Universal Fitting | - - - - | - - | 1 | |
| 5 | | AN833-4 | Elbow | - | Flared Tube and Universal 90° | - - - - | - - | 1 | |
| 6 | 9085 | 75690 | Hose Assy | - | (With Com'l Fittings) | - - - - | - - | 4 | 2-1564 |
| | | AN6264-4-16 1/2 | Hose Assy | - | (With AN Fittings) | - - - - | - - | 4 | 1565 & Subs |
| 7 | 2941 | 145-58213 | Clamp | - | Hose | - - - - | - - | 1 | |
| | | AN316-10R | Nut | - | Aircraft Check | - - - - | - - | 1 | 2-1564 |
| 8 | | AN960-A1016 | Washer | - | Plain | - - - - | - - | 1 | 2-1565 |
| | | AN832-4D | Union | - | Flared Tube 3/8 and Universal | - - - - | - - | 1 | 1565 & Subs |
| 9 | | AN924-4D | Nut | - | Flared Tube and Universal | - - - - | - - | 1 | 1565 & Subs |
| | | AN960-A416 | Washer | - | Plain | - - - - | - - | 1 | 1565 & Subs |
| 10 | 2942 | 145-58229-1 | Bracket | - | Hydraulic Hose Lower LH | - - - - | - - | 1 | 2-1564 |
| 11 | 2943 | 145-58229-2 | Bracket | - | Hydraulic Hose Lower RH | - - - - | - - | 1 | 2-1564 |
| 12 | 2902 | 145-58802-16 | Line Assy | - | Left Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2902-10 | 145-58802-42 | Line Assy | - | Left Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 13 | 2903 | 145-58802-22 | Line Assy | - | Right Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2903-10 | 145-58802-48 | Line Assy | - | Right Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 14 | | AN742-44 | Clamp | - | Loop Type Support | - - - - | - - | 2 | |
| 15 | | AN837-4 | Elbow | - | 45° Flared Tube and Universal | - - - - | - - | 2 | 1565 & Subs |
| 16 | 2944 | 145-58230 | Bracket | - | Hydraulic Hose Upper | - - - - | - - | 2 | |
| 17 | 2904 | 145-58802-14 | Line Assy | - | Left Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2904-10 | 145-58802-40 | Line Assy | - | Left Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 18 | 2905 | 145-58802-20 | Line Assy | - | Right Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2905-10 | 145-58802-46 | Line Assy | - | Right Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 19 | 9188 | B-107-19 | Adjuster Valve | - | - - - - | - - - - | - - | 1 | |
| | 9188-105 | A-207-3 | Diaphragm | - | Adjuster Valve | - - - - | - - | 1 | |
| 20 | 9137 | 600X4 | Tee | - | - - - - | - - - - | - - | 1 | 2-1564 |
| | | AN823-4 | Elbow | - | 45° Flared Tube and Pipe Thread | - - - - | - - | 1 | 1565 & Subs |
| 21 | 9121 | 200X4 | Connector | - | - - - - | - - - - | - - | 1 | 2-1564 |
| | | AN822-4 | Elbow | - | 90° Flared Tube and Pipe Thread | - - - - | - - | 1 | 1565 & Subs |
| 22 | 2906 | 145-58801-50 | Line Assy | - | Landing Gear Down LH (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2906-10 | 145-58801-82 | Line Assy | - | Landing Gear Down LH (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 23 | 2908 | 145-58801-52 | Line Assy | - | Landing Gear UP LH (With AN Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2908-10 | 145-58801-84 | Line Assy | - | Landing Gear UP LH (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 24 | 2907 | 145-58801-54 | Line Assy | - | Landing Gear Down RH (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2907-10 | 145-58801-86 | Line Assy | - | Landing Gear Down RH (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 25 | 2909 | 145-58801-56 | Line Assy | - | Landing Gear UP RH (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2909-10 | 145-58801-88 | Line Assy | - | Landing Gear UP RH (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 26 | 2910 | 145-58801-46 | Line Assy | - | Flaps Up (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2910-10 | 145-58801-78 | Line Assy | - | Flaps UP (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 27 | 2911 | 145-58801-48 | Line Assy | - | Flaps Down (With Com'l Fittings) | - - - - | - - | 1 | 2-1564 |
| | 2911-10 | 145-58801-80 | Line Assy | - | Flaps Down (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 28 | 9145 | 1444 | Elbow | - | - - - - | - - - - | - - | 6 | 2-1564 |
| | | AN822-4 | Elbow | - | 90° Flared Tube and Pipe Thread | - - - - | - - | 8 | 1565 & Subs |
| 29 | 9141 | 702X4 | Tee | - | - - - - | - - - - | - - | 2 | 2-1564 |
| | | AN824-4D | Tee | - | Flared Tube | - - - - | - - | 2 | 1565 & Subs |
| 30 | 9128 | 300X4 | Union | - | - - - - | - - - - | - - | 1 | 2-1564 |
| | | AN815-4D | Union | - | Flared Tube | - - - - | - - | 1 | 1565 & Subs |
| 31 | 2945 | 145-58021 | Restrictor Assy | - | Wing Flap Cylinder | - - - - | - - | 1 | 2-1564 |
| | 2945-10 | 145-58021-3 | Restrictor Assy | - | Wing Flap Cylinder | - - - - | - - | 1 | 1565-1789 |
| | 2945-20 | 145-58021-5 | Restrictor Assy | - | Wing Flap Cylinder | - - - - | - - | 1 | 1790 & Subs |
| 32 | 2912-10 | 145-58803-4 | Line Assy | - | Landing Gear Down (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2912-15 | 145-58803-50 | Line Assy | - | Landing Gear Down (With AN Fittings) | - - - - | - - | 1 | 1565-1789 |
| | 2912-20 | 145-58803-84 | Line Assy | - | Landing Gear Down (With AN Fittings) | - - - - | - - | 1 | 1790 & Subs |
| 33 | 2913-10 | 145-58803-6 | Line Assy | - | Landing Gear UP (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2913-15 | 145-58803-52 | Line Assy | - | Landing Gear UP (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 34 | 2914-10 | 145-58803-20 | Line Assy | - | Flaps Down (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2914-15 | 145-58803-64 | Line Assy | - | Flaps Down (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 35 | 2915-10 | 145-58803-22 | Line Assy | - | Flaps Up (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2915-15 | 145-58803-66 | Line Assy | - | Flaps Up (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 36 | 2916-10 | 145-58802-26 | Line Assy | - | Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2916-15 | 145-58802-52 | Line Assy | - | Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 37 | 9128 | 300X4 | Union | - | - - - - | - - - - | - - | 1 | 2-1564 |
| | | AN815-4D | Union | - | Flared Tube | - - - - | - - | 1 | 1565 & Subs |
| 38 | 2917-10 | 145-58803-12 | Line Assy | - | Landing Gear Down (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2917-15 | 145-58803-56 | Line Assy | - | Landing Gear Down (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 39 | 2918-10 | 145-58803-14 | Line Assy | - | Landing Gear Up (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2918-15 | 145-58803-58 | Line Assy | - | Landing Gear Up (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 40 | 2919-10 | 145-58803-18 | Line Assy | - | Flaps Down (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2919-15 | 145-58803-62 | Line Assy | - | Flaps Down (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 41 | 2920-10 | 145-58803-16 | Line Assy | - | Flaps Up (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2920-15 | 145-58803-60 | Line Assy | - | Flaps Up (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |
| 42 | 2921-10 | 145-58802-28 | Line Assy | - | Brake Pressure (With Com'l Fittings) | - - - - | - - | 1 | 26-1564 |
| | 2921-15 | 145-58802-54 | Line Assy | - | Brake Pressure (With AN Fittings) | - - - - | - - | 1 | 1565 & Subs |

x Used With Goodrich Brake
 ø Used With Firestone Brake