

Primary Divider Valve			
Output	Feeds Valve No.	SPL06K Primary Valve	Output Lubricant
Port 1	Valve 3	To SPL10 Divider Valve	Double
Port 2	Valve 2	To SPL06 Divider Valve	Double
Port 3	None	N/A	None
Port 4	None	N/A	None
Port 5	Valve 4	To SPL12 Divider Valve	Double
Port 6	Valve 1	To SPL08 Divider Valve	Double
Port 7	None	N/A	None
Port 8	None	N/A	None

**Front Left Chassis Section :-**

Output	Feeds Bearing No.	SPL08 Secondary Valve (Valve 1)	Output Lubricant
Port 1	1	Left Front Strut LH	Single
Port 2	3	Front Strut Upper Mount LH	Single
Port 3	5	Inner Steering link LH	Single
Port 4	7	Outer Steering link LH	Single
Port 5	9	Steering Cylinder (Cylinder End) LH	Single
Port 6	11	Steering Cylinder (Rod End) LH	Single
Port 7	13	Center Arm	Single
Port 8	14	Center Arm	Single

**Front Right Chassis Section :-**

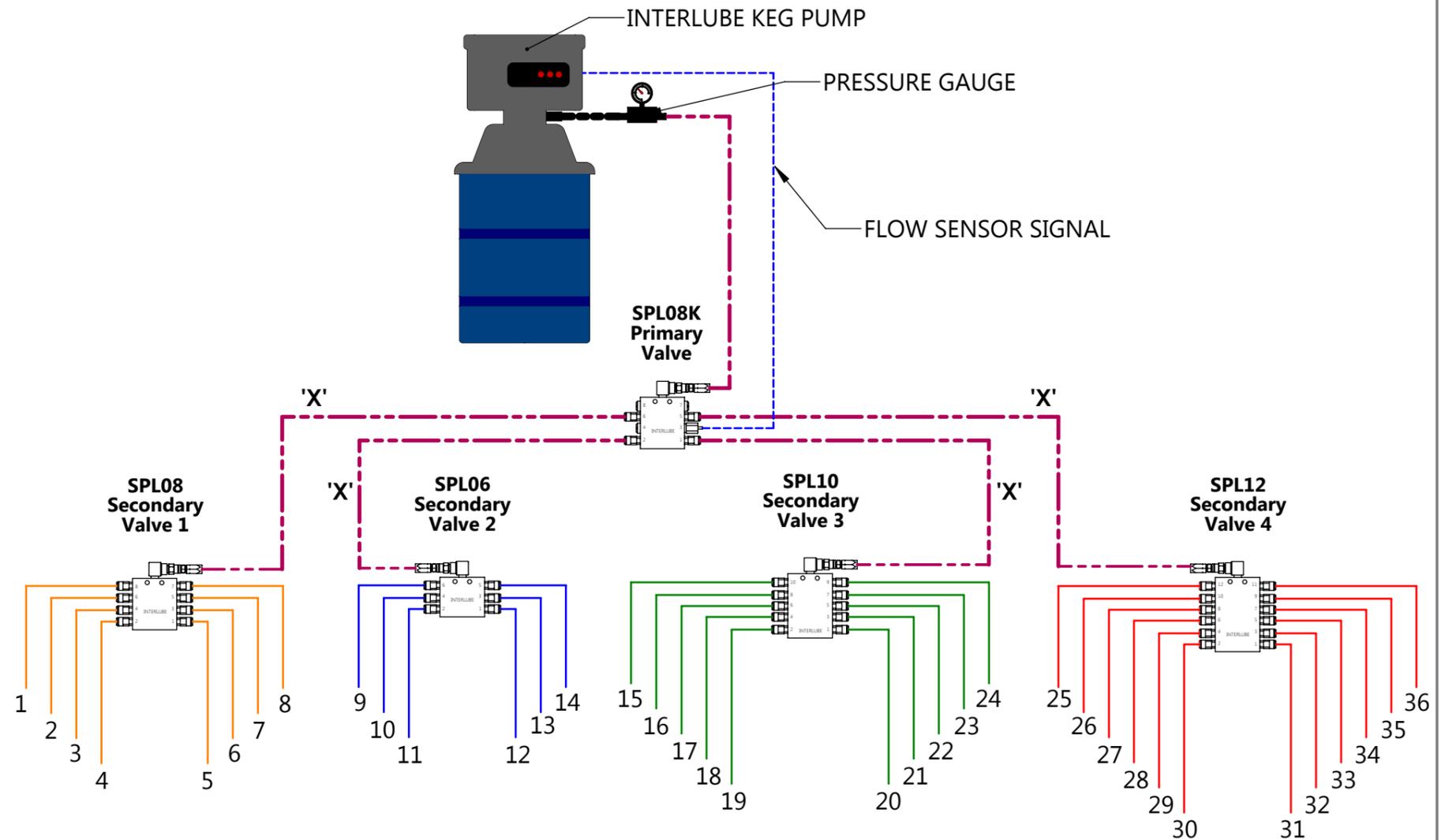
Output	Feeds Bearing No.	SPL06 Secondary Valve (Valve 2)	Output Lubricant
Port 1	2	Front Strut RH	Single
Port 2	4	Front Strut Upper Mount RH	Single
Port 3	6	Inner End of the Steering Link RH	Single
Port 4	8	Outer End of the Steering Link RH	Single
Port 5	10	Steering Cylinder (Cylinder End) RH	Single
Port 6	12	Steering Cylinder (Rod End) RH	Single

**Middle Chassis Section :-**

Output	Feeds Bearing No.	SPL10 Secondary Valve (Valve 3)	Output Lubricant
Port 1	15	Lower Hoist Cylinder RH	Single
Port 2	16	Lower Hoist Cylinder LH	Single
Port 3	17	Lower Link Pin for the Rear Axle (Frame End) RH	Single
Port 4	18	Lower Link Pin for the Rear Axle (Frame End) LH	Single
Port 5	19	Upper Link Pin for the Rear Axle (Frame End) RH	Single
Port 6	20	Upper Link Pin for the Rear Axle (Frame End) LH	Single
Port 7	21	Lower Link Pin for the Rear Axle (Housing End) RH	Single
Port 8	22	Lower Link Pin for the Rear Axle (Housing End) LH	Single
Port 9	23	Upper Link Pin for the Rear Axle (Housing End) RH	Single
Port 10	24	Upper Link Pin for the Rear Axle (Housing End) LH	Single

**Rear Chassis Section :-**

Output	Feeds Bearing No.	SPL12 Secondary Valve (Valve 4)	Output Lubricant
Port 1	25	Upper Body Pivot RH	Single
Port 2	26	Upper Body Pivot LH	Single
Port 3	27	Lower Pivot Pin RH	Single
Port 4	28	Lower Pivot Pin LH	Single
Port 5	29	Upper Hoist Pivot RH	Single
Port 6	30	Upper Hoist Pivot LH	Single
Port 7	31	Lower Rear Suspension Cylinder Bearing RH	Single
Port 8	32	Lower Rear Suspension Cylinder Bearing LH	Single
Port 9	33	Upper Rear Suspension Cylinder Bearing RH	Single
Port 10	34	Upper Rear Suspension Cylinder Bearing LH	Single
Port 11	35	Upper Rear Strut Pivot Pin RH	Single
Port 12	36	Upper Rear Strut Pivot Pin LH	Single



**Note That:-**

- 'X' Symbol indicates that the output has been doubled, 'Y' is triple while 'Z' has been quadrupled to meet the lubricant requirements of the particular bearing point. Whereas all the other bearing points receive the standard output volume from a single port.
- SPL08K Primary Divider Valve complete with 'Visual Flow Proximity Switch/Sensor'

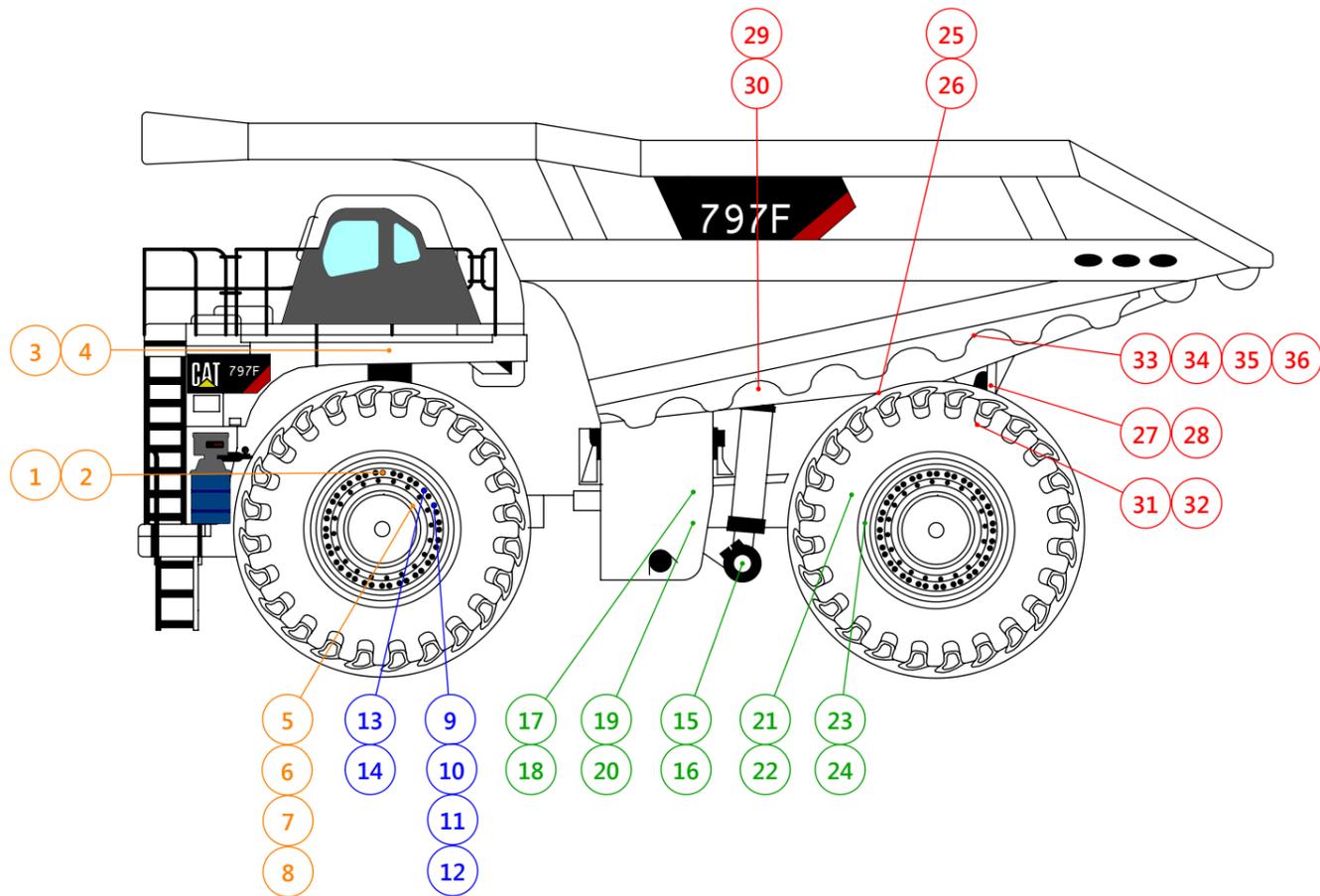
**Note:**

18 Lubrication Points in Total  
 3 Lubrication Points to be greased Manually  
 15 Points to be fed by Automatic Lubrication

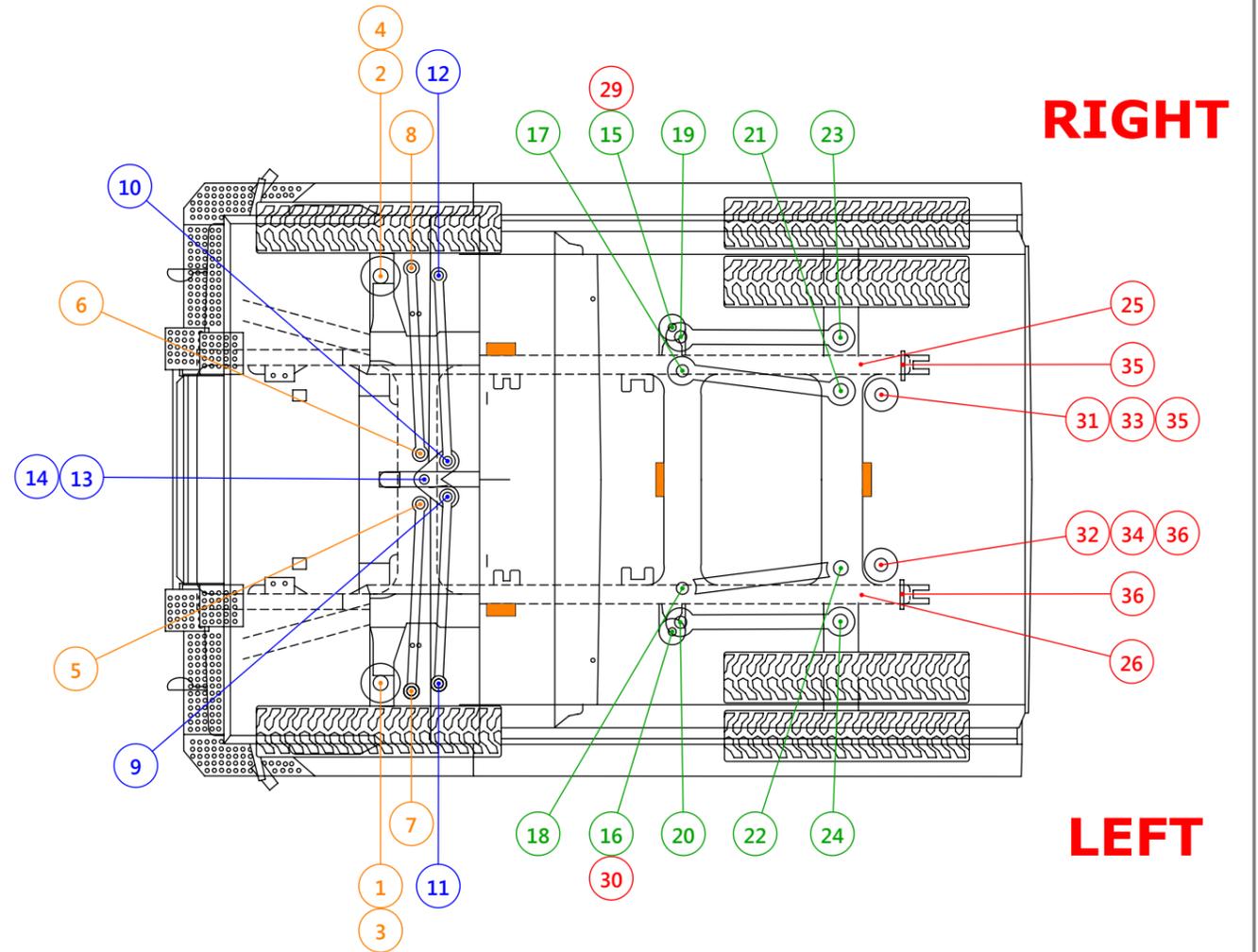
COMMENTS:  Clutch Fork Bearings are to be connected at customers choice.	DO NOT SCALE DRAWING		REVISION
	TITLE: Caterpillar 797F System Layout		
<b>INTERLUBE</b> A <b>TIMKEN</b> Brand			
	NAME	SIGNATURE	DATE
DRAWN	H.D	H.Dickinson	10/02/2014
CHK'D			
APP'V'D			
Q.A			
BILL OF MATERIALS NO.		SCALE:	SHEET 1 OF 2

CAT 797F Installation Details

**SIDE VIEW LAYOUT**



**TOP VIEW LAYOUT**



POINT NO.	DESCRIPTION	LUBRICANT OUTPUT
1	Left Front Strut LH	Single
2	Front Strut RH	Single
3	Front Strut Upper Mount LH	Single
4	Front Strut Upper Mount RH	Single
5	Inner Steering link LH	Single
6	Inner End of the Steering Link RH	Single
7	Outer Steering link LH	Single
8	Outer End of the Steering Link RH	Single
9	Steering Cylinder (Cylinder End) LH	Single
10	Steering Cylinder (Cylinder End) RH	Single
11	Steering Cylinder (Rod End) LH	Single
12	Steering Cylinder (Rod End) RH	Single
13	Center Arm	Single
14	Center Arm	Single
15	Lower Hoist Cylinder RH	Single
16	Lower Hoist Cylinder LH	Single
17	Lower Link Pin for the Rear Axle (Frame End) RH	Single
18	Lower Link Pin for the Rear Axle (Frame End) LH	Single
19	Upper Link Pin for the Rear Axle (Frame End) RH	Single
20	Upper Link Pin for the Rear Axle (Frame End) LH	Single
21	Lower Link Pin for the Rear Axle (Housing End) RH	Single
22	Lower Link Pin for the Rear Axle (Housing End) LH	Single
23	Upper Link Pin for the Rear Axle (Housing End) RH	Single
24	Upper Link Pin for the Rear Axle (Housing End) LH	Single
25	Upper Body Pivot RH	Single
26	Upper Body Pivot LH	Single
27	Lower Pivot Pin RH	Single
28	Lower Pivot Pin LH	Single
29	Upper Hoist Pivot RH	Single
30	Upper Hoist Pivot LH	Single
31	Lower Rear Suspension Cylinder Bearing RH	Single
32	Lower Rear Suspension Cylinder Bearing LH	Single
33	Upper Rear Suspension Cylinder Bearing RH	Single
34	Upper Rear Suspension Cylinder Bearing LH	Single
35	Upper Rear Strut Pivot Pin RH	Single
36	Upper Rear Strut Pivot Pin LH	Single

**Note:**

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COMMENTS:  Clutch Fork Bearings are to be connected at customers choice.	DO NOT SCALE DRAWING	REVISION																				
	TITLE: Caterpillar 797F Lubrication Points																					
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BILL OF MATERIALS NO.	SCALE:	SHEET 2 OF 2																				