

Group 38 Liquid Petroleum Gas System (LPG)

GENERAL: This group contains information on the gas system required for all domestic heating, cooking, and refrigeration.

SPECIFICS: As applicable

...Gas gauges

...Gas Regulators

...Pipes and Fittings To Range, Oven, and Refrigerator

...Storage Tank



FMC Corporation
Motor Coach Division
333 Brokaw Road Box 664 Santa Clara California 95052

REPAIR PARTS LIST

GROUP 38

MODEL 2900R

FIG NO.	ITEM NO.	PART NUMBER	ITEM DESCRIPTION	QTY PER UNIT	
38-1	1	5101161	CONNECTOR, Range tubing female (5/8-18) (PA-46F-6-8)	1	
	2	M24075	NUT, Tubing to connector (5/8-18) (Sup 5100425)	2	
	3	M24010	TUBING, Range to cross connection (1/4 ID)	12 ft	
		M20156	GROMMET, Range tubing	1	
	3A	M22043	CLAMP, Range tubing	3	
	3B	M14015	SCREW, Range tubing clamp	3	
	4	M24150	CROSS, Range & furnace connection	1	
	5	M24174	TEE, Range & furnace tubing to cross (coach 00001 to 00299)	1	
	6	M24053	PLUG, Cross (coach 00001 to 00299 & all "M" models after 00646)	1	
<p style="margin-left: 40px;">NOTE: Items 7 through 14 replaced tee (5), cross plug (6) and flexible gas line (5101146) to furnace, starting with coach 00300. Substitute items 7 through 14 when repairing coaches 00001 to 00299.</p>					
	7	M24050	ELBOW, Cross to range tubing (coaches 00001 to 00645)	1	
	7	M24371	ELBOW, Cross to range tubing (coaches 00646 & up)	1	
	8	M24373	VALVE, Furnace shut-off at cross	1	
	9	M24010	TUBING, Furnace flexible to shut-off valve (1/4 ID)	6 ft	
38-1	10	M24075	NUT, Furnace tubing (5/8-18) (sup 5100425)	2	
	11	M22043	CLAMP, Furnace tubing	2	
	12	M14015	SCREW, Furnace tubing	2	
	13	M24372	UNION, Furnace tubing to flexible line (PA-42F)	1	
	14	M24374	TUBING, Furnace flexible (PA-301, 12" long)	1	
	15	M24124	ADAPTER, Water heater (3/8 to 3/8) (WD-1563)	1	
	16	5101147	LINE, Water heater to cross flexible (EC-301)	1	
	17	M24075	NUT, Water heater line (5/8-18) (Sup 5100425)	2	
	17A	M24372	UNION, Water heater line (3/8 x 3/8 OD tube flare) (coach 00646 & up)	1	
	17B	M24010	TUBING, Union to adapter (1/4 ID)	1 ft	
	17C	M24075	NUT, Water heater line (5/8-18) (Sup 5100425)	2	
	17D	M24181	CONNECTOR, Male to furnace (WD-48 x 6B) (coach 00646 & up)	1	
	18	5100628	GROMMET, Water heater (1 1/4" groove)	1	
	19	M20086	GROMMET, Water heater (1" groove)	1	
	38-1	20	M24010	TUBING, Heater to flexible line (1/4 ID)	1 ft
		21	M24075	NUT, Heater tubing (5/8-18) (Sup 5100425)	2
		22	M24372	UNION, Heater tubing to flexible line (PA-42F)	1
23		M24373	VALVE, Heater shut-off at cross	1	
<p style="margin-left: 40px;">NOTE: Items 20 through 23 started at coach 00300. Use these items when repairing coaches 00001 to 00299.</p>					
24		5101145-08	PIPE, Gas (1/2" black x 4 1/2" long)	1	
24A	5101145-10	PIPE, Gas (1/2" black x 5" long)	1		
25	M24050	ELBOW, Gas pipe (90 deg)	8		
25A	M24202	NIPPLE, Elbow to pipe	1		
26	5101145-04	PIPE, Gas (1/2" black x 115-38" long)	1		
27	M22036	CLAMP, Gas pipe (3/4") (coach 00001 to 00645)	6		
27	M22048	STRAP, Gas pipe (1/2" steel) (coach 00646 & up)	6		
27	M25159	STUD, Weld (1/4"-20 x 7/8) (coach 00646 & up)	6		
28	M14252	SCREW, Gas pipe clamp (#10-32 x 1/2) (coach 00001 to 00645)	6		
29	M17045	WASHER, Gas pipe clamp (1/4" flat) (coach 00001 to 00645)	6		
29	M17024	WASHER, Gas pipe clamp (1/4" lock) (coach 00646 & up)	6		
38-1	30	M17061	NUT, Gas pipe clamp (1/4"-20 lock) (coach 00001 to 00645)	6	
	30	M17040	NUT, Gas pipe clamp (1/4"-20) (coach 00646 & up)	6	
	31	5101145-09	PIPE, Gas (1/2" black x 3" long)	1	
	32	5101145-03	PIPE, Gas (1/2" black x 8 1/2" long)	1	
	33	5101145-02	PIPE, Gas (1/2" black x 34-3/4" long)	1	
	34	5101145-01	PIPE, Gas (1/2" black x 33" long)	1	
	35	M24191	NIPPLE, Gas pipe close	1	
	35A	5100766	REGULATOR, Two stage pressure (MT-1757)	1	
	36	5100768	HOSE, Regulator to gas pipe flexible (MT-1956)	1	
	36A	M24181	CONNECTOR, Regulator male (5/8-18) (PA-48F-6-6)	1	
	36B	5101035	NUT, Regulator hose	1	



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REPAIR PARTS LIST

38 Liquid Petroleum

GROUP Gas (LPG) System

MODEL 2900R

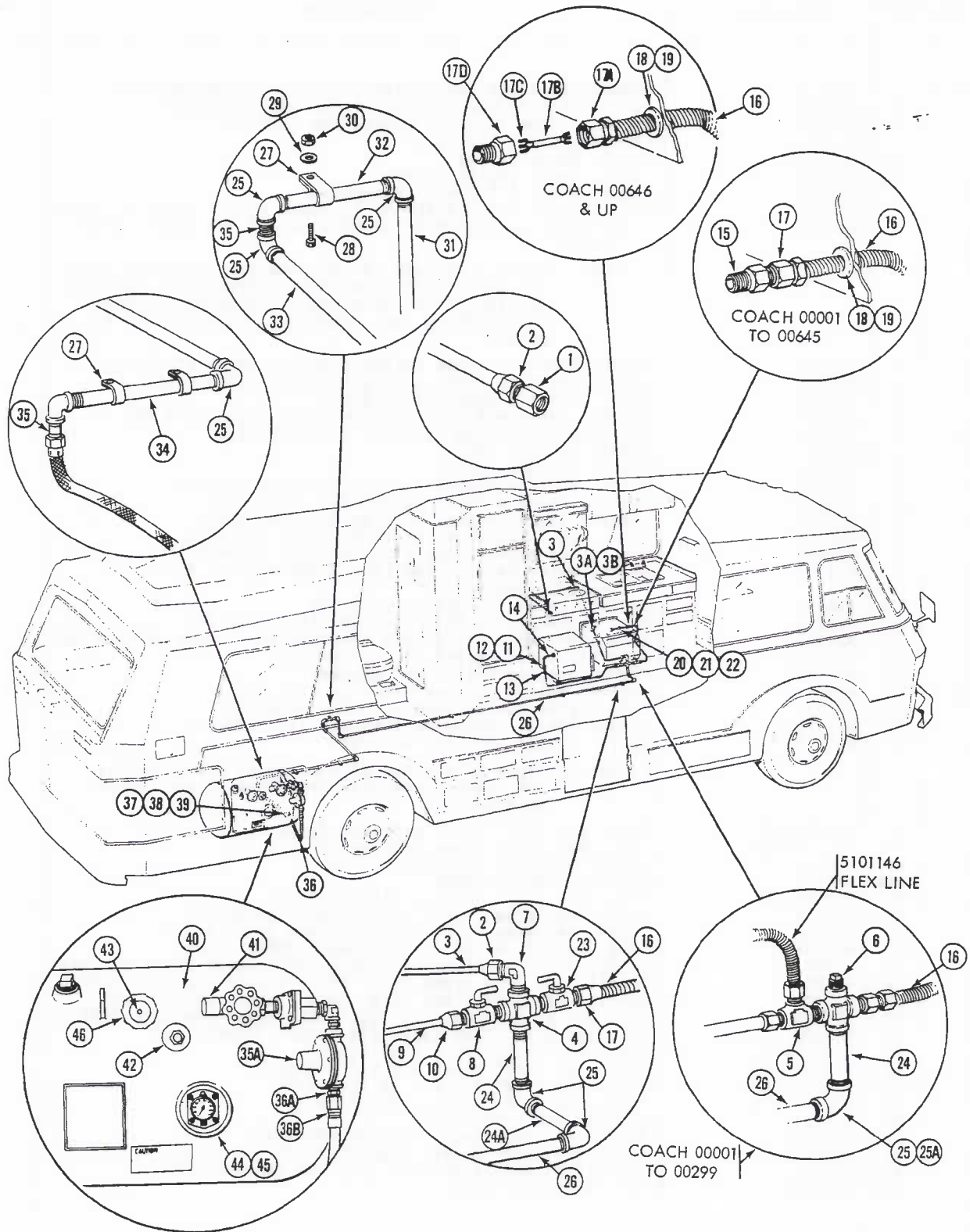


Figure 38-1. LPG System

REPAIR PARTS LIST

GROUP 38
MODEL 2900R

FIG NO.	ITEM NO.	PART NUMBER	ITEM DESCRIPTION	QTY PER UNIT
38-1	37	M24036	CLAMP, Flexible hose to frame	1
	38	M17061	NUT, Clamp to frame	1
	39	M17045	WASHER, Clamp to frame	1
	40	5100475-01	TANK, LPG storage	1
	41	5100475-R006	VALVE, Vapor service & relief (MT-V1280)	1
	42	5100475-R001	VALVE, Outage (MT-V1243)	1
	43	5100475-R003	VALVE, Filler (MT-V1281)	1
	44	5100475-R004	GAUGE, Mechanical sight (MT-2684, 18" center)	1
	45	5100475-R005	NIPPLE, Sight gauge (MT-A1294)	1
	46	5100475-R007	CAP, Filler valve (FC-M109)	1
		M18023	BOLT, LPG tank to frame (3/8-16 x 1-1/4")	4
		M17062	NUT, Tank to frame bolt (3/8-16)	4
		M17004	WASHER, Tank to frame bolt (3/8)	4