

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
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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	
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.					
	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	
NOTE: Items 20 through 23 started at coach 00300. Use these items when repairing coaches 00001 to 00299.					
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

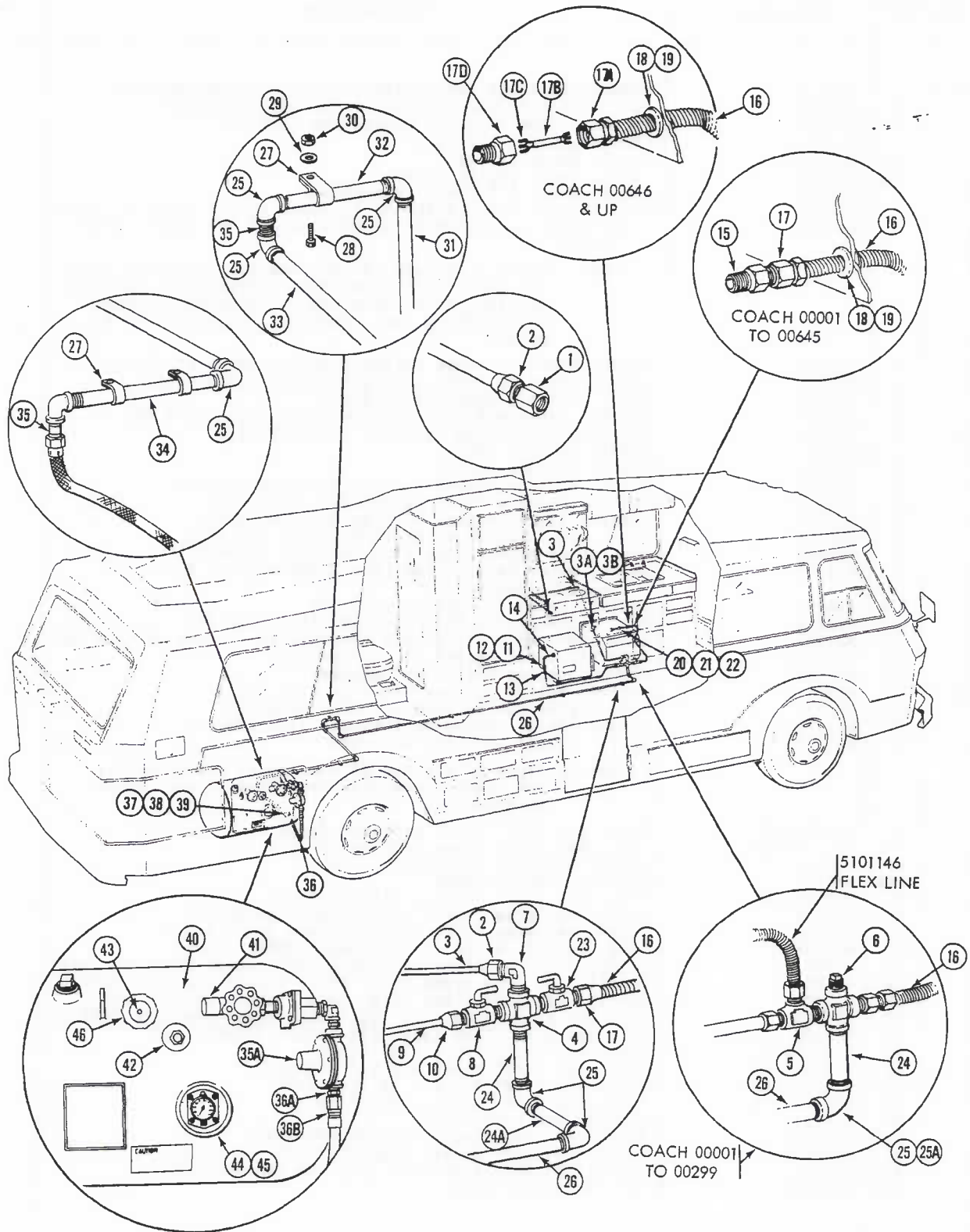


Figure 38-1. LPG System

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