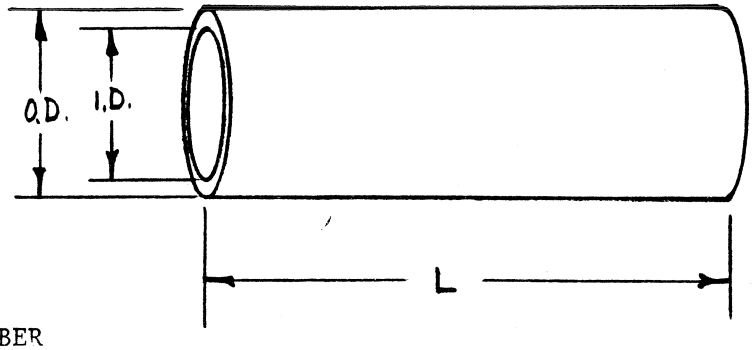
23-9062

General Use Part

PRINT ISSUED	TITLE	
3-1-71	PIPE, 3/4" SCHED. #40 BLACK IRON	23
LAST CHG. LTR. E		SHEET 1 OF

23-9062

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY *	FREIGHTLINER PART NUMBER
3/4"	1.050	.824	48-00023-006	L	23-9062-L

*L = Length in tenths of an inch. Thus, 23-9062-274 calls out a piece of 3/4 inch Sched. #40 pipe 27.4 inches long.

ENGINEERING NOTES

(1) Material: 3/4 inch ASA Standard Pipe (Sched.#40) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-006

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
B	HJR	2-22-71	B Size; Revise & Retype DWG TO X1
C	BT	1-9-84	

COMPILED	HJR	DATE DRAWN		MATERIAL			
APPROVED		2-22-71		(1)		18210	182D1

Portland FREIGHTLINER CORPORATION Oregon 97208

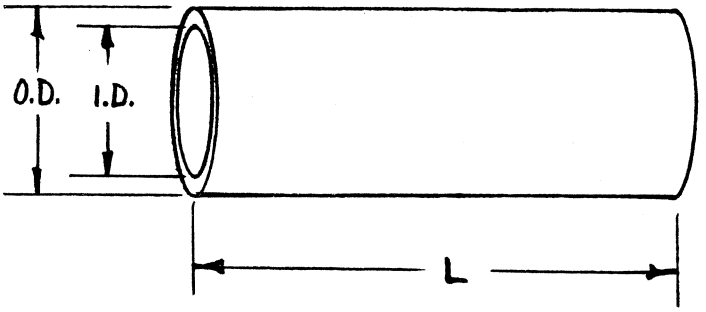
X1 BC

23-9066

General Use Part

PRINT ISSUED	TITLE	PART NO.
8/20/71	PIPE, 1" SCHED. #40 BLACK IRON	23-9066
LAST CHG. LTR. B		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY*	FREIGHTLINER PART NUMBER
1"	1.315	1.049	48-00023-008	L	23-9066-L

*L = Length in tenths of an inch. Thus, 23-9066-274 calls out a piece of 1" Schedule #40 pipe 27.4 inches long.

CHG	BY	DATE	WAS
			(B)

CHG	BY	DATE	WAS
A	HJR	2-22-71	B Size: Revise & Retype
B	RWG	8-10-71	1.050, .824

ENGINEERING NOTES

(1) Material: 1" ASA Standard Pipe (Sched.#40) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-008.

COMPILED	H.JR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

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B

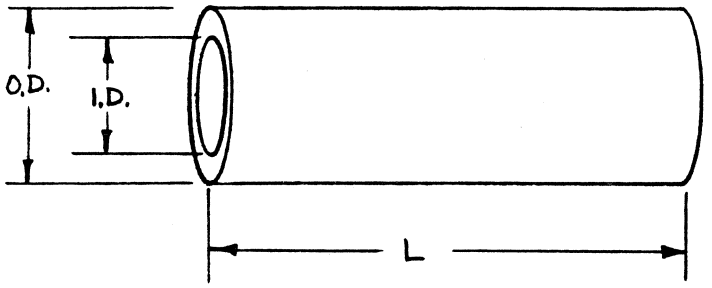
E-183

23-9067

General Use Part

PRINT ISSUED	TITLE	PART NO.
3-1-71	PIPE, 1-1/4" SCHED. #40 BLACK IRON	23-9067
LAST CHG. LTR A		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY*	FREIGHTLINER PART NUMBER
1-1/4"	1.660	1.380	48-00023-010	L	23-9067-L

*L = Length in tenths of an inch. Thus, 23-9067-274 calls out a piece of 1-1/4" inch Sched. #40 pipe 27.4 inches long.

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	2=22=71	B Size; Revise & Retype

ENGINEERING NOTES

(1) Material: 1-1/4 inch ASA Standard Pipe (Sched. #40) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-010.

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

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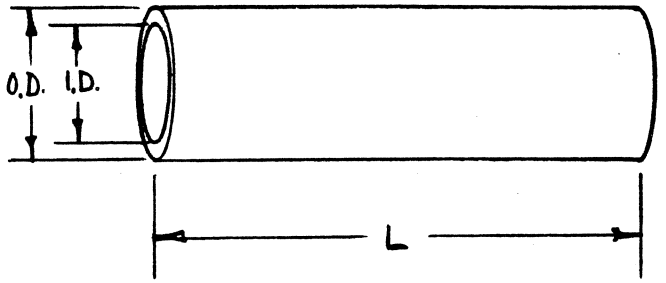
A

23-9069

General Use Part

PRINT ISSUED	TITLE	PART NO.
3-1-71	PIPE, 1/2" SCHED. #40 BLACK IRON	23-9069
LAST CHG LTR.		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY*	FREIGHTLINER PART NUMBER
1/2"	.840	.622	48-00023-004	L	23-9069-L

*L = Length in tenths of an inch. Thus, 23-9069-274 calls out a piece of 1/2 inch Sched. #40 pipe 27.4 inches long.

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	2-22-71	B Size;Revise & Retype

ENGINEERING NOTES

(1) Material: 1/2 inch ASA Standard Pipe (Sched. #40) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-004.

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

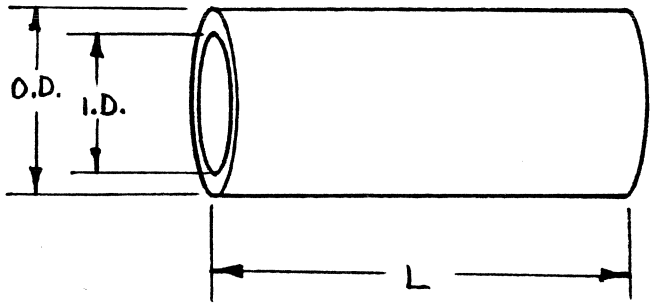
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23-9070

General Use Part

PRINT ISSUED	TITLE	PART NO.
3-1-71	PIPE, 1" SCHED. #80 BLACK IRON	23-9070
LAST CHG. LTR. A		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY *	FREIGHTLINER PART NUMBER
1"	1.315	.957	48-00023-208	L	23-9070-L

*L = Length in tenths of an inch. Thus, 23-9070-274 calls out a piece of 1 inch Sched. #80 pipe 27.4 inches long.

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	2-22-71	B Size; Revise & Retype

ENGINEERING NOTES

(1) Material: 1 inch ASA Standard Pipe (Sched. #80) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-208

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

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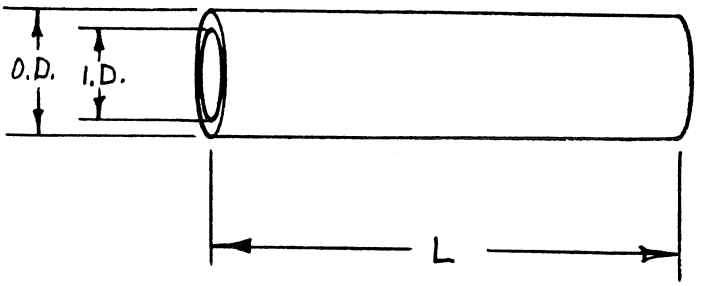
A

23-9077

General Use Part

PRINT ISSUED	TITLE	PART NO.
3-1-71	PIPE, 3/8" SCHED. #40 BLACK IRON	23-9077
LAST CHG. LTR. A		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECIFICATION	QUANTITY*	FREIGHTLINER PART NUMBER
3/8"	.675	.493	48-00023-003	L	23-9077-L

*L = Length in tenths of an inch. Thus, 23-9077-274 calls out a piece of 3/8 inch Sched. #40 pipe 27.4 inches long.

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	2-22-71	B Size; Revise & Retype

ENGINEERING NOTES

(1) Material: 3/8 inch ASA Standard Pipe (Sched. #40) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-003.

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

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A

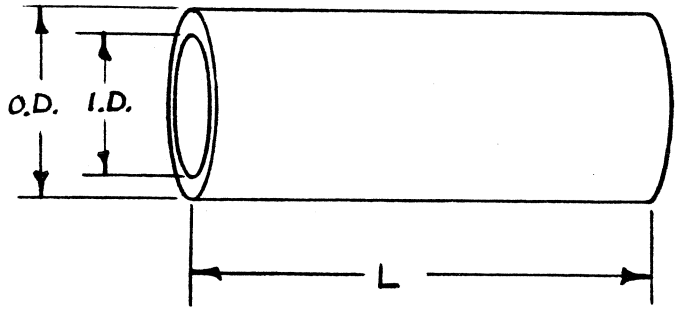
E-183

23-9096

General Use Part

PRINT ISSUED	TITLE	PART NO.
3-1-71	PIPE, 1-1/2" SCHED. #80 BLACK IRON	23-9096
LAST CHG. LTR. A		SHEET 1 OF 1

SKETCH



PART NUMBER

NOMINAL SIZE	O.D. (REF.)	I.D. (REF.)	MATERIAL SPECFICIATION	QUANTITY*	FREIGHTLINER PART NUMBER
1-1/2"	1.900	1.500	48-00023-212	L	23-9096-L

*L = Length in tenths of an inch. Thus, 23-9096-274 calls out a piece of 1-1/2 inch Sched. #80 pipe 27.4 inches long.

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
A	HJR	2-22-71	B Size; Revise & Retype

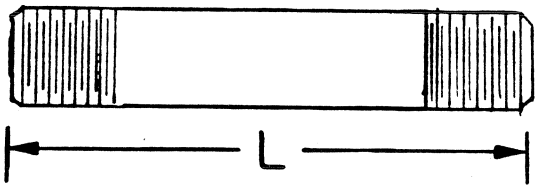
ENGINEERING NOTES

(1) Material: 1-1/2 inch ASA Standard Pipe (Sched. #80) per FREIGHTLINER MATERIALS SPECIFICATION 48-00023-212.

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-22-71		(1)	

ORIGINAL JOB NO.	TITLE	PART NO.
17100	PIPE, THREADED ENDS GALVANIZED, WELDED	23-11783
LAST CHG LTR B		SHEET 1 OF 1

SKETCH



PART NUMBERS

NPTF PIPE SIZE & THREAD	MATERIAL 1		FREIGHTLINER PART NUMBER*
1/8 - 27	48-00124-001		23-11783-0xx
1/4 - 18	-002		-1xx
3/8 - 18	-003		-2xx
1/2 - 14	-004		-3xx
3/4 - 14	-006		-4xx
1 - 1½	-008		-5xx
1¼ - 1½	-010		-6xx
1½ - 1½	-012		-7xx
2 - 1½	-020		-8xx
2½ - 8	-025		-9xx

* Last two digits of the dash number indicate length in whole inches. Example: For 3/4" Pipe 8" long, threaded both ends, write 23-11783-408.

ENGINEERING NOTES:

1. Material: 48-00124 Series Schedule 40 Galvanized Pipe

2. Finish: Galvanized

LTR	JOB NO.	BY	DATE	CHANGE INFORMATION
A	4638D	FHF	3-28-86	From INCH to EACH
B	8908D	FHF	4-29-86	Inside to outside thread

COMPILED	FHF	DATE DRAWN	U.O.M.	MATERIAL	MASTER NUMBER
APPROVED	TJW	10-3-85	EACH	1	05175 000D1