

SERVICE BULLETIN



M-936

October 27, 1986

TIRE FITMENT

1985 - 1987 Motorcycle Tire Fitment

The accompanying tire fitment chart gives the tire and tube combinations and the tubeless tires and tire valve combinations for all 1985 - 1987 models.

WARNING

Use only correct series tire on this rim. Mount using tire mounting lubricant. Do not exceed maximum recommended inflation pressure to seat bead; otherwise tire, tube, or rim failure could result which may cause personal injury. See Owner's Manual.

Figure 1. Sample Rim Label

WARNING

Always use rim strips with all laced wheels. Do not mix tire brands or tube type and tubeless tires on the same vehicle. Mismatching tires could cause handling difficulties and create an unsafe condition. Do not use tubeless tires on rims designed for tube type tires unless an inner tube is installed. Rims designed for tubeless tires are marked "tubeless".

To find the correct tire and tube or tire valve for tubeless

tires for a motorcycle, locate the tire series and the model of the vehicle in the tire fitment charts. The tire and tube or tire valve information is given in Tables I, II, III, V and VI.

Example 1: The rear tire for an XLH must be a MT90-16 with an "H" tube for laced wheels. For cast wheels the MT90-16 tire would be used with a 43157-83A valve.

Example 2: The rear tire for an FLTC must be an MT90-16 or MT90S-16 with a 43157-83A valve.

RECOMMENDED TIRE INFLATION PRESSURES

Tire inflation pressures are listed in the following Tables. These recommended inflation pressures supersede all previously published inflation pressures.

WARNING

Do not exceed the maximum tire pressure listed on tire sidewall.

The tire inflation pressures are based on rider and passenger weights of approximately 150 lbs each.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

TABLE I
1985 MODELS — DUNLOP TIRE AND FITMENT

MODEL	FRONT WHEEL					
	OEM TIRES			TUBE OR VALVE	TIRE PRESSURE psi (COLD)	
	WHEEL	DUNLOP DESIGN	SIZE		SOLO	WITH PASSENGER
XL MODELS	19" LACED 19" CAST	K181	MJ90-19	K 43150-83	26	26
FXEF & FXSB	19" LACED 19" CAST	K181	MJ90-19	K 43150-83	30	30
FXWG & FXST (EARLY 85)	21" LACED	"F" RIB	MH90-21	L	30	30
FXWG & FXST (LATE 85)	21" LACED	"F" RIB	MH90-21	L	30	30
FXRS & FXRT	19" CAST	K291T	MM90H-19	43150-83	30	30
FXRC	19" LACED	K291T	MM90H-19	K	30	30
FXRP	19" CAST	K181PT	MM90S-19	43150-83	30	—
FLHPC & FLHPB	16" LACED 16" CAST	K101A	MT90-16	H 43157-83A	28	28
FLTC, FLHTC & FLHTP (EARLY 85)	16" CAST	K101A	MT90-16	43157-83A	28	28
FLTC, FLHTC & FLHTP (LATE 85)	16" CAST	K291T	MT90S-16	43157-83A	36	36
TLE (EARLY 85)	16" CAST	K101A	MT90-16	43157-83A	SEE TABLE III	
TLE (LATE 85)	16" CAST	K291T	MT90S-16	43157-83A	SEE TABLE III	

TABLE 1 (CONT'D)

MODEL	REAR WHEEL					
	OEM TIRES			TUBE OR VALVE	TIRE PRESSURE psi (COLD)	
	WHEEL	DUNLOP SERIES	SIZE		SOLO	WITH PASSENGER
XL MODELS	16" LACED 16" CAST	K181	MT90-16	H 43157-83A	30	32
FXEF & FXSB	16" LACED 16" CAST	K181	MT90-16	K 43150-83	32	32
FXWG & FXST (EARLY 85)	16" LACED	K101A	MT90-16	H	28	28
FXWG & FXST (LATE 85)	16" LACED	K181	MT90-16	H	32	32
FXRS & FXRT	16" CAST	K291T	MT90S-16	43157-83A	36	40
FXRC	16" LACED	K291T	MT90S-16	H	36	40
FXRP	16" CAST	K181PT	MT90S-16	43157-83A	32	—
FLHPC & FLHPB	16" LACED 16" CAST	K101A	MT90-16	H 43157-83A	36	36
FLTC, FLHTC & FLHTP (EARLY 85)	16" CAST	K101A	MT90-16	43157-83A	36	36
FLTC, FLHTC & FLHTP (LATE 85)	16" CAST	K291T	MT90S-16	43157-83A	36	40

TABLE II
1986-1987 MODELS — DUNLOP TIRE AND FITMENT

	FRONT WHEEL						
MODEL	OEM TIRES			TUBE OR VALVE		TIRE PRESSURE psi (COLD)	
	WHEEL	DUNLOP DESIGN	SIZE			SOLO	WITH PASSENGER
				1986	1987		
XLH MODELS	19" LACED 19" CAST	K181	MJ90-19	K 43150-83	40999-87	26	26
FXWG, FXST(C), 1987 FXLR	21" LACED	"F" RIB	MH90-21	L		30	30
FXR MODELS	19" CAST	K291T	MM90H-19	43150-83	40999-87	30	30
FXRP	19" CAST	K181PT	MM90S-19	43150-83	40999-87	30	—
FLHTP	16" LACED	K291T	MT90S-16 (RIBBED)	43157-83A	40999-87	36	36
FLT MODELS	16" LACED 19" CAST	K291T	MT90S-16	H 43157-83A	40999-87	36	36
TLE	16" CAST	K291T	MT90S-16	43157-83A	40999-87	SEE TABLE III	
RLE	16" CAST	K291T	MT90H-16	43157-83A	40999-87	SEE TABLE IV	
FLST	16" LACED	K291T	MT90S-16	H		36	36

TABLE II (CONT'D)

	REAR WHEEL						
MODEL	OEM TIRES			TUBE OR VALVE		TIRE PRESSURE psi (COLD)	
	WHEEL	DUNLOP DESIGN	SIZE			SOLO	WITH PASSENGER
				1986	1987		
XLH MODELS	16" LACED 16" CAST	K181	MT90-16	H 43157-83A	40999-87	30	32
FXWG & FXST(C)	16" LACED 16" DISC	K181	MT90-16	H 43150-83		32	32
FXR MODELS	16" CAST	K291T	MT90S-16	43157-83A	40999-87	36	40
FXRP	16" CAST	K181PT	MT90S-16	43157-83A	40999-87	32	—
FLHTP	16" CAST	K291T	MT90S-16	43157-83A	40999-87	36	40
FLT MODELS	16" LACED 16" CAST	K291T	MT90S-16	H 43157-83A	40999-87	36	40
FLST	16" LACED	K291T	MT90S-16	H		36	40
FXLR	16" DISC	K291T	MT90S-16	43150-83		36	40

TABLE III**FLT MODELS — DUNLOP TIRE PRESSURE FOR OPERATION WITH SIDECAR (TLE)**

TYPE OF OPERATION	FRONT		REAR		SIDECAR	
	K101A	K291T	K101A	K291T	K101A	K291T
SOLO	28	36	36	40	28	28
RIDER AND SIDECAR PASSENGER	28	36	36	40	28	28
RIDER AND SIDECAR PASSENGER, AND PASSENGER ON MOTORCYCLE	28	36	40	40	28	28

TABLE IV**FXR MODELS — DUNLOP TIRE PRESSURE FOR OPERATION WITH SIDECAR (RLE)**

TYPE OF OPERATION	FRONT		REAR		SIDECAR
	K181PT (FXRP)	K291T	K181PT (FXRP)	K291T	K291T
SOLO	30	30	32	36	28
RIDER AND SIDECAR PASSENGER	30	30	32	40	28
RIDER AND SIDECAR PASSENGER, AND PASSENGER ON MOTORCYCLE	—	30	—	40	28

TABLE V**INNER TUBES (See Notes below)**

TUBE GROUP	SIZE	VALVE STEM TYPE	VALVE STEM POSITION
H	MT90-16 (5.00/5.10 - 16)	Metal (1)	Side
K	MJ90-19 (3.25/3.50 -19)	Rubber (2)	Center
L	MH90-21 (3.00/3.25 -21)	Metal (3)	Center

(1) Fits 11/32 in. (0.344) diameter valve stem hole.

(2) Fits 29/64 in. (0.453) diameter valve stem hole.

(3) Fits 21/64 in. (0.328) diameter valve stem hole.

NOTES:

Rim strips must be used with all laced wheels.

Check spoke tension when changing tires on laced wheels.

Inner tubes are available from various manufacturers. The Carlisle Tire & Rubber Company is now a production

supplier of inner tubes. The address and telephone number of the full line Carlisle distributor is:

Parts Unlimited
P.O. Box 9238
Ashville, North Carolina 28815
(800) 438-5821

TABLE VI
TUBELESS TIRE VALVES

	H-D PART NUMBER	RIM VALVE HOLE DIAMETER
1985 - 1986	43157-83A	0.34 in.
	43150-83	0.45 in.
1987	40999-87	0.45 in.

WARNING

Do not interchange early and late style stems. The incorrect valve stem can cause loss of tire air, affecting vehicle control. This can result in personal injury.