



# Technical Service Information

## THM 440-T4 3RD CLUTCH LINING CHANGE

**CHANGE:** Because of a change in the 3rd clutch fiber material, all 1989 THM 440-T4 models built after March 17, 1989 (Julian Date 076), have new calibrations, and new two letter model codes (See Figure 1).

**REASON:** Different supplier for 3rd clutch plates.

**PARTS AFFECTED:**

(1) 3RD CLUTCH PLATES - The new 3rd clutch plates have a different fiber material and can be identified by black stripes, or notches, as shown in Figure 3.

(2) CALIBRATION - THM 440-T4 models built after March 17, 1989 (Julian Date 076) will contain the following calibration changes:

(A) - New Spacer Plate (See Figure 2).

(B) - New 3-2 Control Valve Spring.

(C) - New 2-3 Accumulator Valve Spring.

(D) - New 1-2 Servo Cushion Spring (Except AAH, ABH, AFH).

The recalibrated valve body assembly will have an update level "Laser Etched" into the casting by the servo pipes. See Figure 2, for valve body I.D. and new spacer plate information.

**INTERCHANGEABILITY:**

(1) Harsh shifts or a possible tie-up condition may occur on 2-3 and 3-2 shifts if the previous 3rd clutch plates (No Stripe) are installed into a trans-axle built after March 17, 1989 (Julian Date 076), with the new model codes.

(2) A slide-bump condition on 2-3 and 3-2 shifts may occur, if the new 3rd clutch plates (Black Stripe) are installed into a transaxle built prior to March 17, 1989 (Julian Date 076), with the old model codes.

(3) When the supply of the previous 3rd clutch plates (No Stripe) are depleted, the new 3rd clutch plates (Black Stripe) will be available with an instruction sheet showing which calibration update kit to order for each model built prior to March 17, 1989 (Julian Date 076). See "Service Information" in this bulletin for part numbers.



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### SERVICE INFORMATION:

3rd Clutch Plate Package (Previous - No Stripe) .....	8662954
3rd Clutch Plate Package (New - Black Stripe) .....	8662990
Calibration Update Kit (9AAH, 9ABH, 9AFH) .....	8675936
Calibration Update Kit (9BAH, 9BDH) .....	8675937
Calibration Update Kit (9BFW, 9BMH) .....	8675938
Calibration Update Kit (9BHH) .....	8675939
Calibration Update Kit (9BJH) .....	8675940
Calibration Update Kit (9BPH) .....	8675941
Calibration Update Kit (9BWH, 9VXH) .....	8675942
Calibration Update Kit (9CDH, 9CLH, 9czH) .....	8675943
Calibration Update Kit (9CYH) .....	8675944
Calibration Update Kit (9PAH) .....	8675945
Calibration Update Kit (9CPH) .....	8675946
Calibration Update Kit (9CHH) .....	8675947
Calibration Update Kit (9CJH) .....	8675948

NOTE: Calibration Update Kits include the following:

- (A) New Spacer Plate.
- (B) New 3-2 Control Valve Spring.
- (C) New 2-3 Accumulator Valve Spring.
- (D) New 1-2 Servo Cushion Spring (Except AAH, ABH, AFR)
- (E) Instruction Sheet.

Figure 2

OLD MODEL	NEW MODEL	CODES	CODE INFORMATION
AAH	ACH		(*) = NO CHANGES (NO NEW 3RD CLUTCH PLATES) (O) = EARLY 1990 MODEL  <b>NOTE:</b> IF THE MODEL CODES CHANGED THEN THE 3RD CLUTCH PLATE ASSEMBLY AND CALIBRATIONS DID ALSO.
ABH	ADH		
AFH	AHH		
(AJH)	(AJH)	(*)	
(ANH)	(ANH)	(*)	
(ATH)	(ATH)	(*)	
(OLAH)	(OLAH)	(*) (O)	
(OLCH)	(OLCH)	(*)	
PAH	PBH		
VXH	VYH		
BAH	WBH		
BDH	WCH		
BFH	WLH		
BMH	WKH		
BHH	WRH		
BJH	WZH		
BPH	WTH		
BWH	WUH		
CDH	YAH		
CLH	YBH		
CPH	YCH		
CYH	YFH		
CZH	YJH		
OCHH	OYKH	(O)	
OCJH	OYLH	(O)	

Figure 1

MODELS	VALVE BODY I.D.	MODELS	SPACER PLATE LAST FOUR NUMBERS
AJH	8S-1	AJH	8394
ACH, ADH, AHH	9A-3	ACH, ADH, AHH	5213
ANH, ATH	9B-2	ANH, ATH	8415
WBH, WCH	9D-2	WBH, WCH	5103
WLH, WKH	9E-3	WLH, WKH	5091
WRH	9G-3	WRH	5091
WZH, WUH	9H-3	WZH	5099
		WUH	5097
WTH	9J-3	WTH	5091
YAH, YBH, YJH	9M-2	YAH, YBH, YJH	5089
YCH	9P-2	YCH	5093
PBH	9U-2	PBH	5101
OYKH	OY-1	OYKH	5201
OYLH	OW-1	OYLH	5203
OLAH	OZ-1	OLAH	8874
YFH	9C-0	YFH	8273

The last number of the valve body I.D. can be the same as indicated or higher. The higher number means that it was updated.

Figure 2

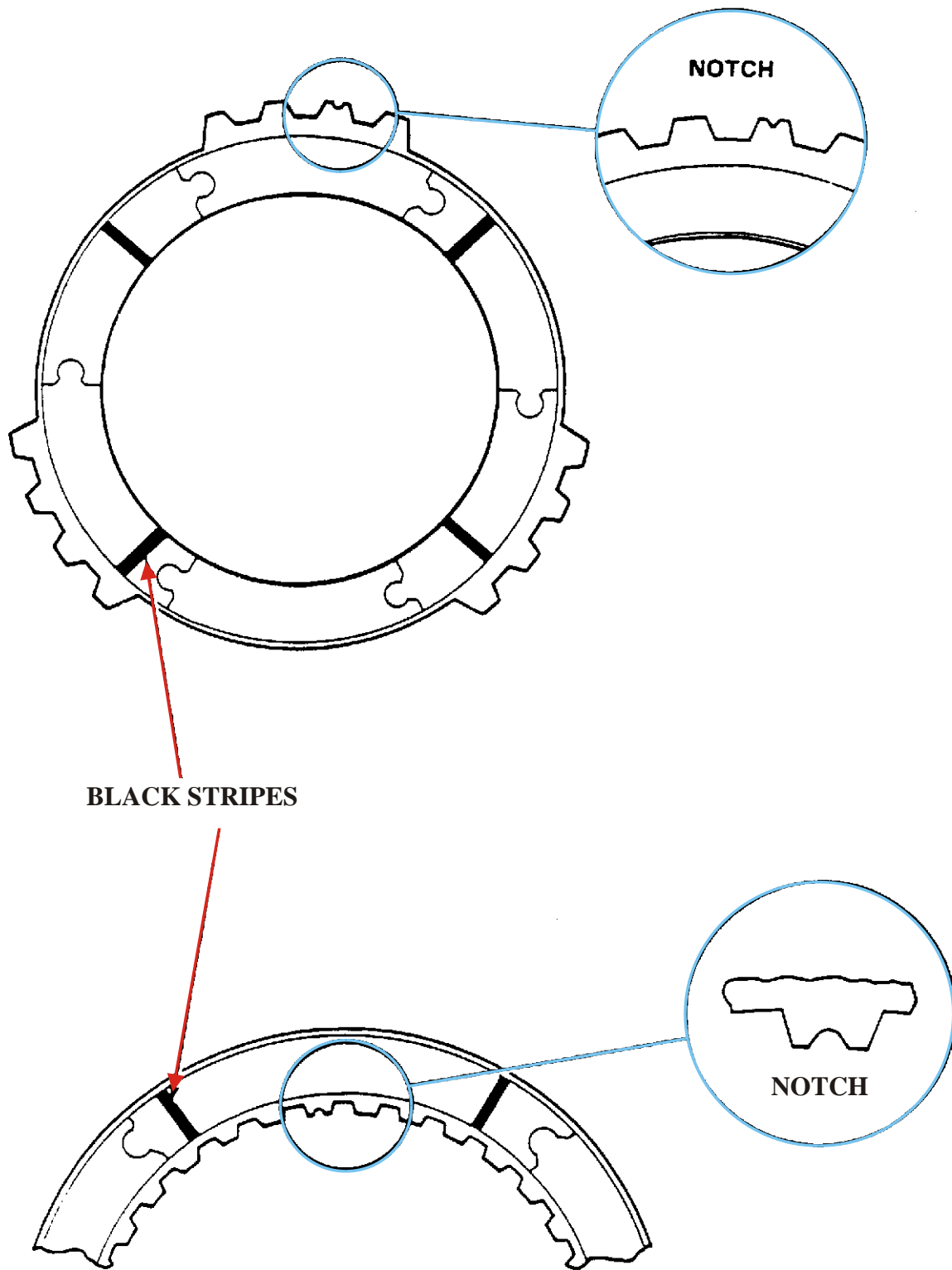


Figure 3