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November 22, 2010

Via Hand Delivery

Jonathan Ruckdeschel
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RE: Neff v. TMS, et al.
Docket No. 24X09000185
Our File No. 8517-2243J

Dear Mr. Ruckdeschel:

Enclosed please find documents, identified as Bates numbers TMS 00001 through TMS 01070, produced on behalf of Toyota Motor Sales, U.S.A., Inc., with respect to the above-referenced matter.

Very truly yours,

Matthew M. Gayle

MMG
Enclosures
cc: Laura A. Cellucci (w/o encls., *via E-mail*)

TOYOTA

CORONA MARK II

REPAIR MANUAL

CHASSIS

FOREWORD

This manual describes the removal, installation, adjustment and maintenance procedures required for servicing chassis components of TOYOTA CORONA MARK II.

For Engine and Body of TOYOTA CORONA MARK II, please refer to the manuals below.

2M & 4M Engine Repair Manual (Pub. No.98067)
6R & 18R Engine Repair Manual (Pub. No.98080)
CORONA MARK II Body Repair Manual (Pub. No.98079)

We hope that this manual will be sufficiently utilized in acquiring greater knowledge of the maintenance and servcing.

Please keep this manual readily available to the service men for reference and guidanace in their work.

February 1972

TOYOTA MOTOR SALES CO., LTD.

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SECTION INDEX

NAME	SECTION
CLUTCH	1
TRANSMISSION	2
PROPELLER SHAFT & REAR AXLE	3
REAR SUSPENSION	4
FRONT SUSPENSION	5
STEERING	6
BRAKE	7
SST & SERVICE SPECIFICATIONS	8

TMS NEEE 00007

INSPECTION

Inspect the parts removed, and if defective, replace as necessary.

1. Brake drum
   Inspect the brake drum for damage, interior surface wear, scores, and abnormal wear. If a defect is present, correct or replace. The interior wear limit is 230.6 mm (9.086").
   The specified inner diameter is 228.6 mm (9.007"). To correct the drum, always correct with the axle hub attached.
   attached.
   (Correcting Brake Drum)
   (1) If there is a line wear or partial wear on the inner wall of the drum, grind the inner wall with a brake drum lathe till it is correctly rounded.

   Caution: Securely install the brake drum onto the axle hub with four hub nuts to keep the centers of drum and hub in line.
   Note: If the inner diameter of the drum exceeds the limit (after grinding), replace the drum.
   (2) Correct the contact of the brake shoe lining after grinding.

2. Backing plate
   Inspect the backing plate for damage, crack, deformation, wear and anchor pin wear. If defective, correct or replace. Correct the backing plate edges and shoe contacting surfaces if worn in step shape.
3. Tension spring
   Inspect the tension spring for weakness, deformation.
4. Adjuster lever and cable, cable guide, adjusting set screw.
   a. Wear of adjuster lever.
   b. Wear of adjuster cable guide.
   c. Cut and stretch of adjuster cable.
      Cable length limit is 215 mm (8.46")
      The cable length is 212.5 ∿ 213.5 mm (8.37 ∿ 8.41").
   d. Wear and operation of adjusting screw.
      The screw must turn lightly with the fingers. If the screw is tight, correct or replace.

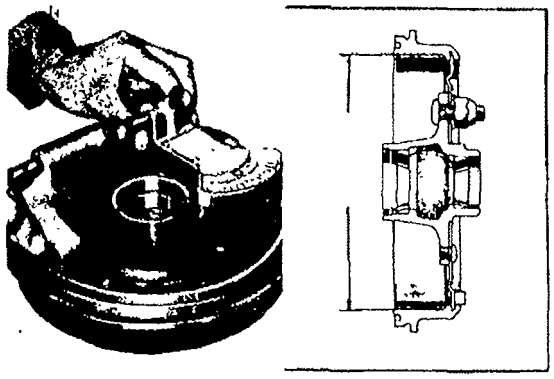


Fig. 7-118 Inspecting Drum

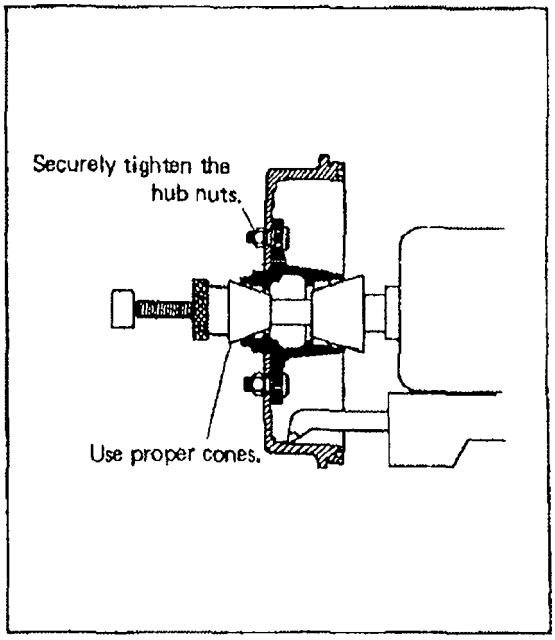
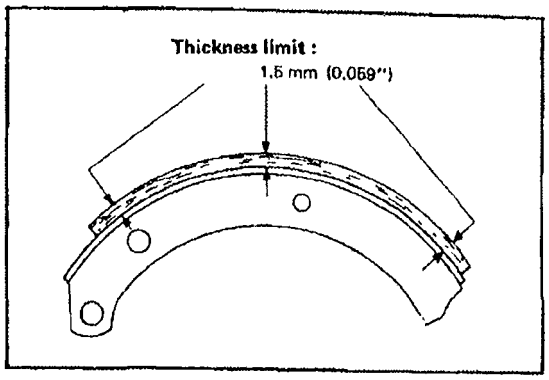


Fig. 7-119 Correcting Brake Drum



Fig. 7-120 Checking Backing Plate

5. Brake Shoe
   (1) Check the shoe for damage and deformation.
   (2) Check the lining for wear.
   Lining thickness limit:
   1.5 mm (0.059")
   (3) If the lining is worn more than the limit, replace the lining. For the drum which has a larger inner diameter after grinding, use an over sized lining.
   (4) Contact between shoe and drum. Coat the inner wall of the drum with a thin layer of chalk, press the shoe upon the drum and slide. Check to see whether as a result chalk powder is evenly attached on the lining. If is is uneven, correct the contact with the brake shoe grinder.



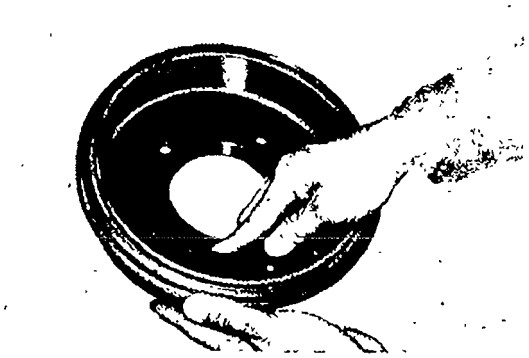
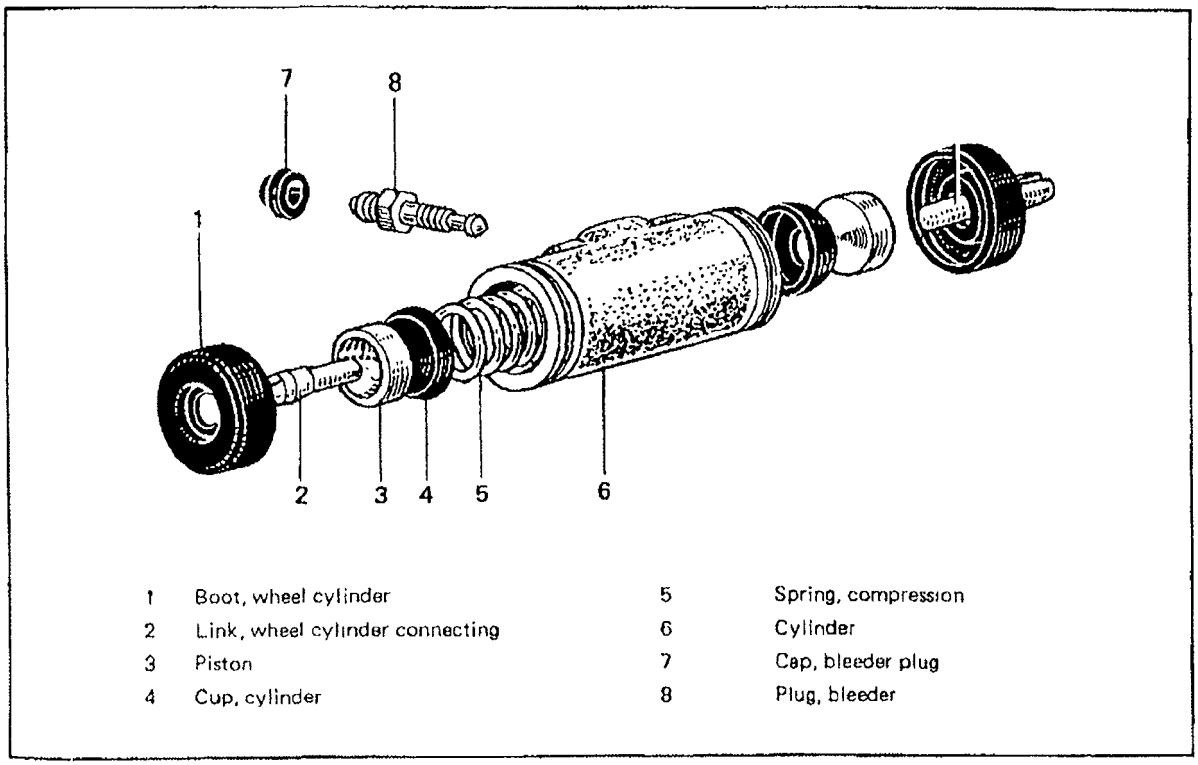


Fig. 7-121 Brake Shoe Inspection

WHEEL CYLINDER



1	Boot, wheel cylinder	5	Spring, compression
2	Link, wheel cylinder connecting	6	Cylinder
3	Piston	7	Cap, bleeder plug
4	Cup, cylinder	8	Plug, bleeder

Fig. 7-122 Wheel Cylinder Component Parts