TL 215

1988

Full download: http://manualplace.com/download/toyota-g-series-transmission-repair-manual/

TOYOTA

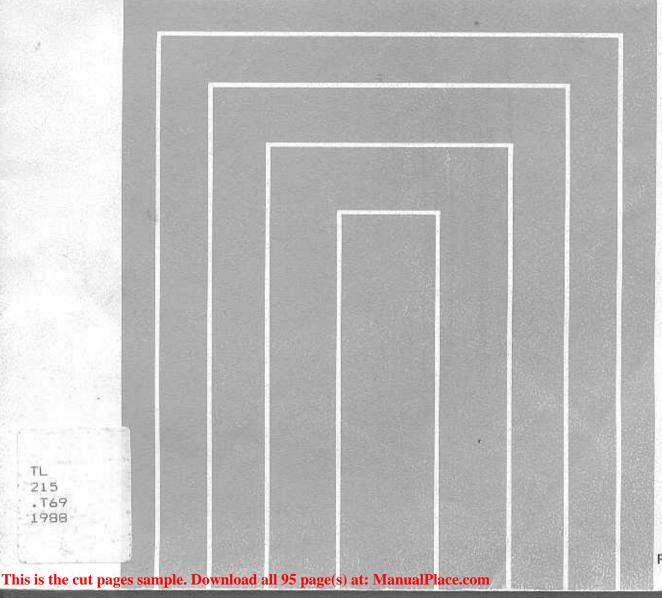
G40, G45, G50, G52, G53

G54, G55, G56, G57, G58

TRANSMISSION

REPAIR MANUAL

Aug., 1988



Pub. No. RM141E

Toyota Jid Toyota man A# 31267084 B# 5249373 MG

DATE DUE

, 8 MAR 2007.

FOREWORD



215

1988

This repair manual has been prepared to provide information covering general service repairs for the G40, G45, G50, G52, G53, G54, G55, G56, G57 and G58 Manual Transmissions.

Applicable models:

YN 63 RG series LN 61 RG series

KM30, 36, 37 series YM30, 35 series CM 36 series YR 21, 22, 29, 31 series KF 40, 50 series YN 85, 86, 87, 92, 106, 110 series LN 80, 85, 90, 100, 106, 111 series RN 80, 85, 90, 105, 110 series YH 51, 53, 60, 61, 63, 73 series LH 51, 61, 71 series YH 81 series LH 80 series LJ 70 series YN 63 LG series

For the other service specifications and repair procedures of the above model than those listed in this manual, refer of the chassis and body repair manual.

All information contained in this manual is the most up-to-date at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION



TOYOTA MANUAL TRANSMISSION G40, G45, G50, G52, G53 G54, G55, G56, G57 AND G58 REPAIR MANUAL

INTRODUCTION MANUAL TRANSMISSON

MT

SERVICE SPECIFICATIONS

Α

STANDARD BOLT TORQUE SPECIFICATIONS

В

SST AND SSM

C

INTRODUCTION

	Page
HOW TO USE THIS MANUAL	IN-2
GENERAL REPAIR INSTRUCTIONS	IN-4
ABBREVIATIONS USED IN THIS MANUAL	IN-6

IN

HOW TO USE THIS MANUAL

To assist you in finding your way through the manual, the Section Title and major heading are given at the top of every page.

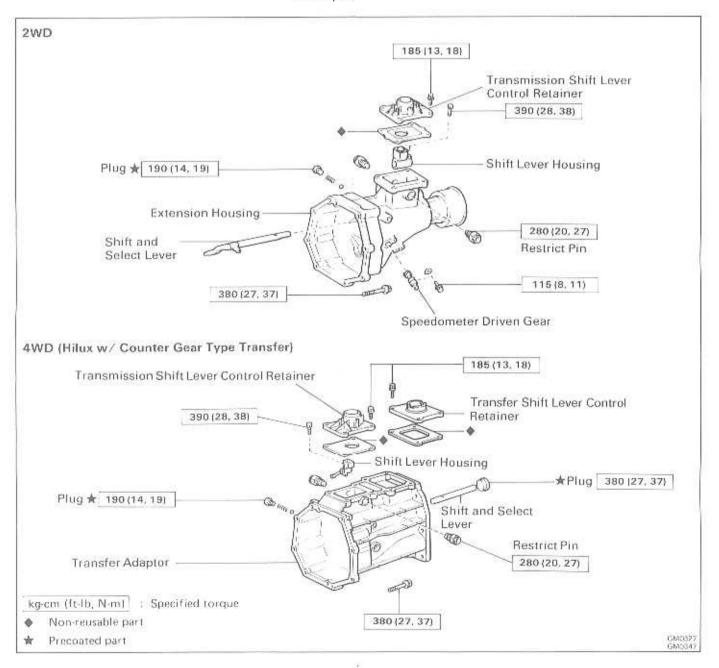
An INDEX is provided on the 1st page of each section to guide you to the item to be repaired.

At the beginning of each section, PRECAUTIONS are given that pertain to all repair operations contained in that section. Read these precautions before starting any repair task.

REPAIR PROCEDURES

Most repair operations begin with an overview illustration. It identifies the components and shows how the parts fit together.

Example:



The procedures are presented in a step-by-step format:

- Illustration shows what to do and where to do it.
- The task heading tells what to do.
- The detailed text tells how to perform the task and gives other information such as specifications and warnings.

Example:

Task headling: what to do

Illustration: what to do and where

IF NECESSARY, REPLACE FRONT BEARING RETAINER OIL SEAL

(a) Using a screwdriver, pry out the oi seal.

Detailed text: how to do task

Set part No.

Component part No.

(b) ∫ Using SST, drive in a new oil seal.

SST 09608-35014 (09608-06020, 09608-06090)

Drive in depth: 10.5 — 11.5 mm (0.413 — 0.453 in.)

Transmission case installation surface

Specification

This format provides the experienced technician with a FAST TRACK to the information needed. The upper case task heading can be read at a glance when necessary, and the text below it provides detailed information, Important specifications and warnings always stand out in bold type.

REFERENCES

References have been kept to a minimum. However, when they are required, you are given the page to refer to.

SPECIFICATIONS

Specifications are presented in bold type throughout the text where needed. You never have to leave the procedure to look up your specs. All specifications task are also found in Appendix A, specifications, for quick reference.

CAUTION, NOTICE, HINT:

- CAUTION are presented in bold type, and indicate there is a possibility of injury to you or other people.
- NOTICE are also presented in bold type, and indicate the possibility of damage to the components being repaired.
- HINT are separated from the text but do not appear in bold.
 They provide additional information to help you efficiently perform the repair.

GENERAL REPAIR INSTRUCTIONS

- Use fender, seat and floor covers to keep the vehicle clean and prevent damage.
- During disassembly, keep parts the appropriate in order to facilitate reassembly.
- 3. Observe the following:
 - Before performing electrical work, disconnect the negative cable from the battery terminal.
 - (b) If it is necessary to disconnect the battery for inspection or repair, always disconnect the cable from the negative (-) terminal which is grounded to the vehicle body.
 - (c) To prevent damage to the battery terminal post, loosen the terminal nut and raise the cable straight up without twisting or prying it.
 - (d) Clean the battery terminal posts and cable terminals with a shop rag. Do not scrape them with a file or other abrasive object.
 - (e) Install the cable terminal to the battery post with the nut loose, and tighten the nut after installation. Do not use a hammer or such to tap the terminal onto the post.
 - (f) Be sure the cover for the positive (+) terminal is properly in place.
- Check hose and wiring connectors to make sure that they are secure and correct.
- Non-reusable parts
 - (a) Always replace cotter pins gaskets, O-rings, oil seals, etc. with new ones.
 - (b) Non-reusable parts are indicated in the component illustrations by the " ♦" symbol.
- 6. Precoated Parts

Precoated parts are bolts and nuts, etc. that are coated with a seal lock adhesive at the factory.

- (a) If a precoated part is retightened, loosened or caused to move in any way, it must be recoated with the specified adhesive.
- (b) Recoating of Precoated Parts
 - Clean off the old adhesive from the bolt, nut or threads.
 - (2) Dry with compressed air.
 - (3) Apply the specified seal lock adhesive to the part's threads.
- (c) Precoated parts are indicated in the component illustrations by the "★" symbol.



- 7. When necessary, use a sealer on gaskets to prevent leaks.
- Carefully observe all specifications for bolt torques. Always use a torque wrench.
- Use of special service tools (SST) and special service materials (SSM) may be required, depending on the nature of the repair. Be sure to use SST and SSM where specified and follow the proper work procedure. A list of SST and SSM can be found at the back of this manual.
- When replacing fuses, be sure the new fuse has the correct amperage. DO NOT exceed the fuse amp rating or use one of lower rating.
- Care must be taken when jacking up and supporting the vehicle. Be sure to lift and support the vehicle at the proper locations.
 - (a) If the vehicle is to be jacked up only at the front or rear end, be sure to block the wheels at the opposite end in order to ensure safety.
 - (b) After the vehicle is jacked up, be sure to support it on stands. It is extremely dangerous to do any work on a vehicle raised on a jack alone, even for a small job that can be finished quickly.

Full download: http://manualplace.com/download/toydurgvariesstranschips/fors/pair-ahanual/

ABBREVIATIONS USED IN THIS MANUAL

FIPG	Formed in Place Gasket
in.	Inch
MP	Multipurpose
SSM	Special Service Materials
SST	Special Service Tools
2WD	Two Wheel Drive Vehicles (4 × 2)
4WD	Four Wheel Drive Vehicles (4 × 4)
w/	With