

## GROUP 23

# AUTOMATIC TRANSMISSION

### GENERAL

#### OUTLINE OF CHANGES

- A 6G74-SOHC 24-valve engine has been added. To correspond to this, the maintenance service procedures which are different from the previous V4AW3-7-type automatic transmission are given below.
- The shift pattern for V4AW3-type automatic transmission for vehicles with 6G72-SOHC 24-valve engine has been changed. To correspond to this, the maintenance service procedures which are different from the previous V4AW3-type automatic transmission are given below.

### SPECIFICATIONS

#### TRANSMISSION MODEL TABLE

Transmission model	Speedometer gear ratio	Vehicle model	Engine model (Engine displacement)
V4AW3-B-LIA	29/9	V43W	6G72-SOHC 24 Valve (3,000)
V4AW3-7-LILA	29/9	V43W	6G72-SOHC 24 Valve (3,000)
V4AW3-B-LHA	28/9	V23C, V23W	6G72-SOHC 24 Valve (3,000)
V4AW3-B-LHLA	28/9	V23C, V23W	6G72-SOHC 24 Valve (3,000)
V4AW3-B-MFA	26/9	V25W, V45W	6G74-SOHC 24 Valve (3,500)
V4AW3-B-MFLA	26/9	V25W, V45W	6G74-SOHC 24 Valve (3,500)

#### SERVICE SPECIFICATIONS

Item	6G72-SOHC 24 Valve	6G74-SOHC 24 Valve
Stall speed r/min	2,000 – 2,500	2,200 – 2,700
Dimensions of inner cable stopper and outer cable end mm	34 – 35	34 – 35

### LUBRICANTS

Item	Specified lubricants	Quantity <i>l</i>
Automatic transmission fluid	DIA QUEEN ATF-SP, ATF DEXRON II or equivalent	Approx. 9.8

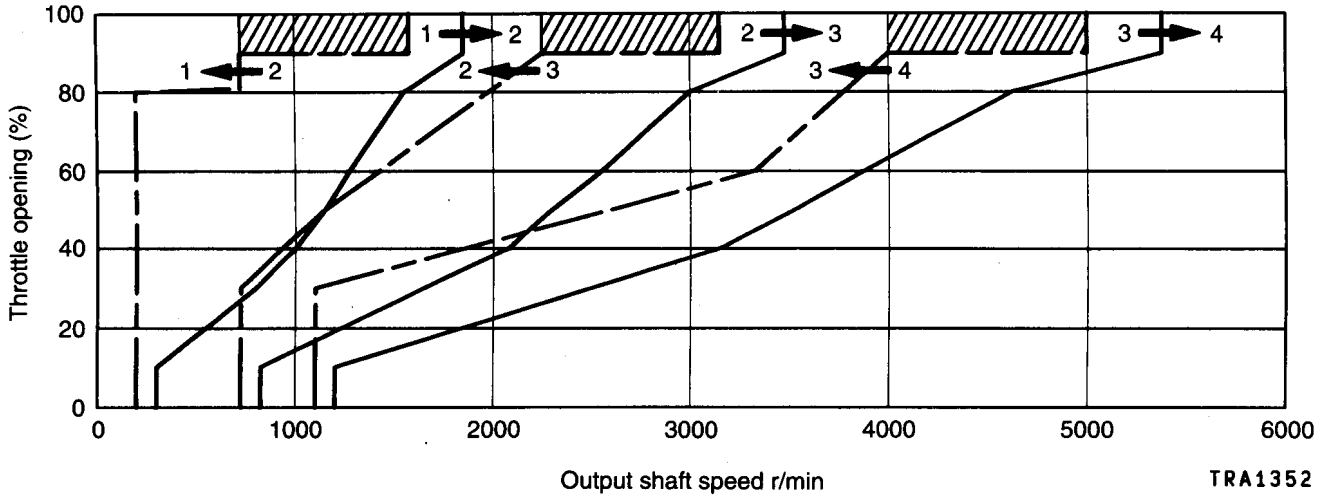
TROUBLESHOOTING <V4AW3>

ROAD TEST

SIFT PATTERN

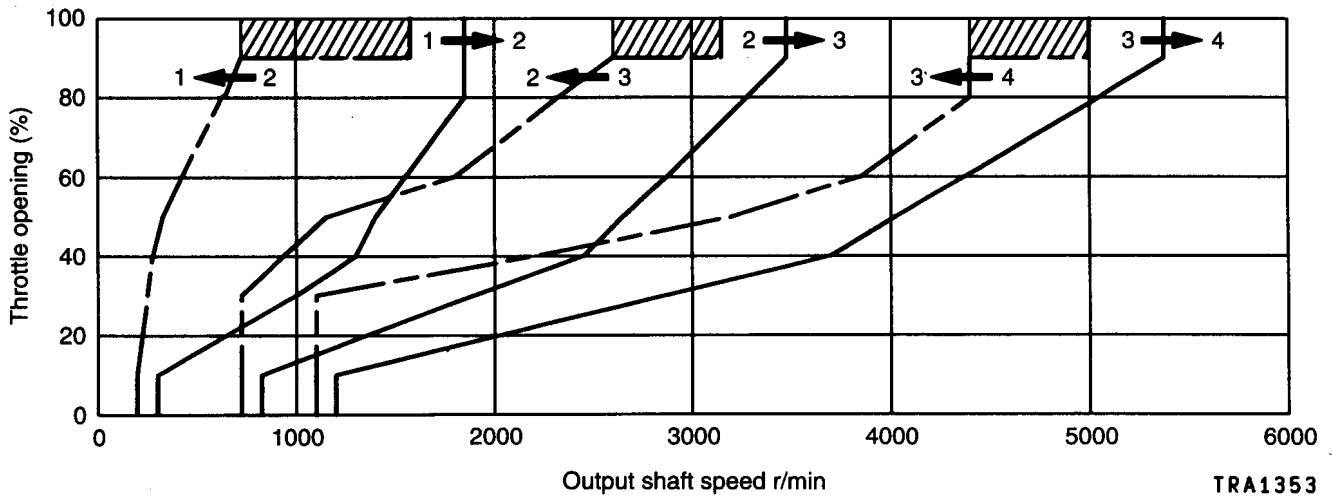
<6G72-SOHC 24 Valve Engine>

Normal pattern



TRA1352

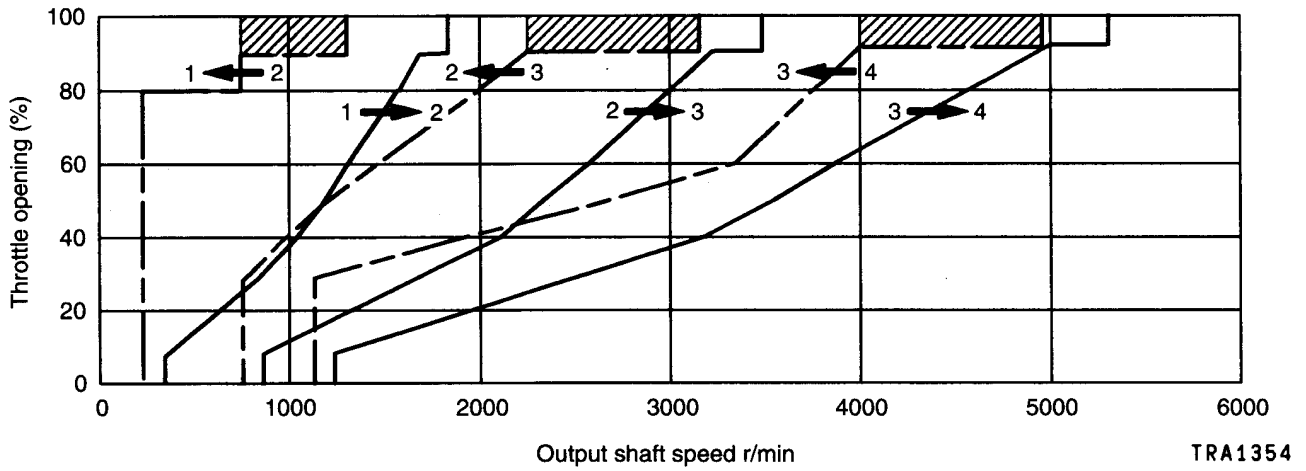
Power pattern



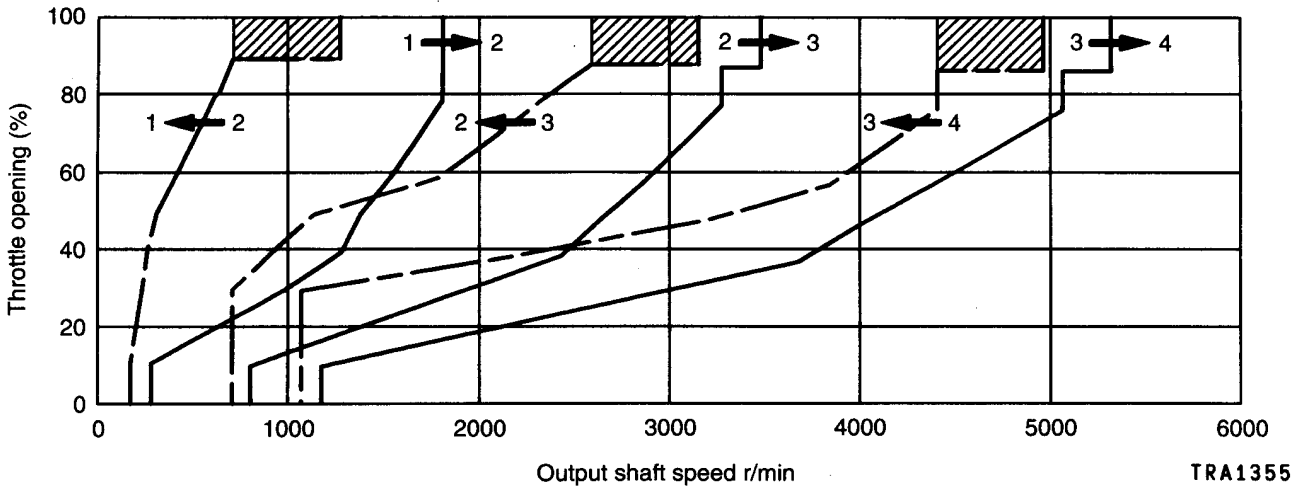
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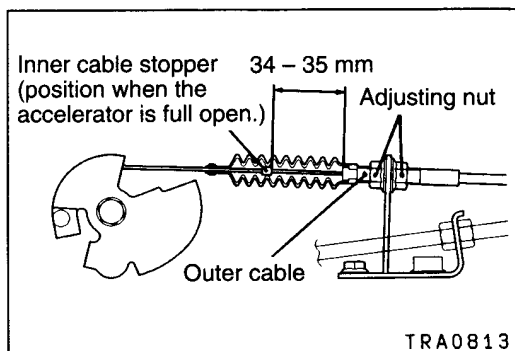
<6G74-SOHC 24 Valve Engine>

Normal pattern



Power pattern





## SERVICE ADJUSTMENT PROCEDURES

### THROTTLE CABLE CHECK AND ADJUSTMENT

- (1) Make sure that the throttle lever and the bracket have no transformations.
- (2) Remove the boot at the outer cable so that the inner cable stopper can be seen.
- (3) Measure the dimension between the end of the inner cable stopper and that of the outer cable with throttle lever full open.

**Standard value: 34 – 35 mm**

- (4) If the distance is outside the standard value, adjust using the adjusting nut.

### CONVERTER STALL TEST

The stall speeds are as given below. The test procedures are the same as before.

**Standard value**

: 2,000 – 2,500 r/min <6G72-SOHC 24 Valve>

: 2,200 – 2,700 r/min <6G74-SOHC 24 Valve>