
POWER TRAIN

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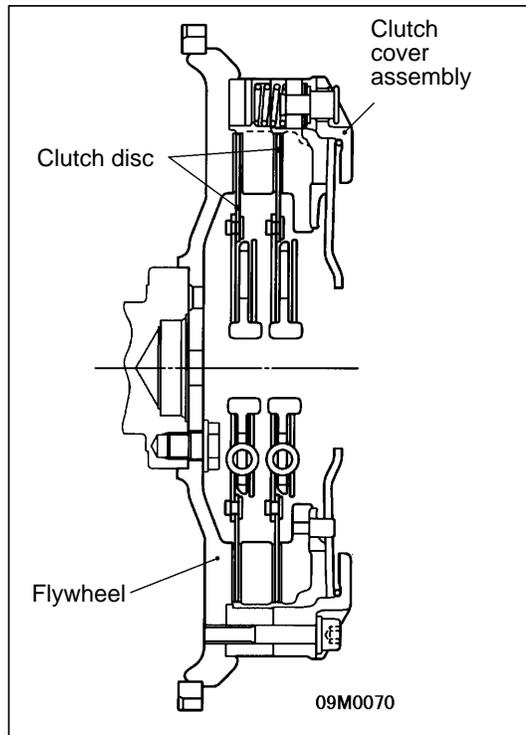
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CLUTCH

The EVOLUTION-VI RS is optionally equipped with a twin plate clutch.

Specifications

Item	Twin plate clutch (option)	Standard clutch
Clutch disc size mm	200 × 152	230 × 150
Clutch cover load setting N	6,370	8,826



TWIN PLATE CLUTCH

The twin plate clutch is characterized by the following:

- Larger torque transmission capacity due to the increased number of clutch discs
- Constant friction coefficient even at high temperatures (severe usage) and less lowered wear-resistant performance due to metal clutch facing

Caution

The twin plate clutch is so designed as to be used on a vehicle for motor sport competitions.

In view of noises at starting and during driving and maneuverability, it is not suited to ordinary driving.

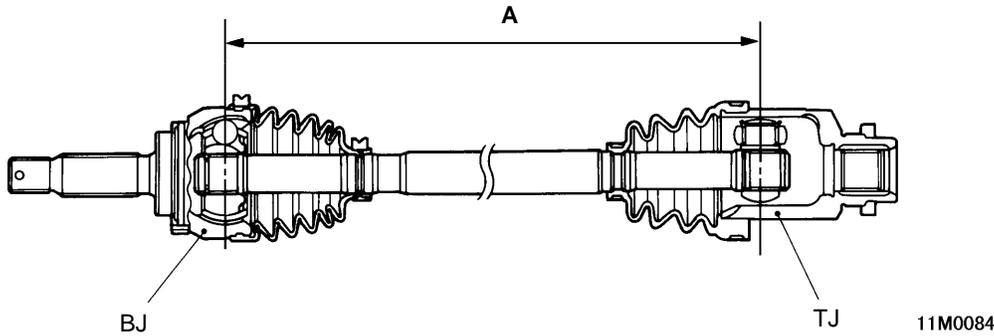
It should also be noted that the disc must be replaced more frequently than a standard type clutch because of the inherent characteristics of its friction material.

FRONT AXLE

DRIVE SHAFTS

The joint-to-joint distance of the drive shaft (dimension A in the illustration) has been revised.

Item		EVOLUTION-VI		Base vehicle (EVOLUTION-V)	
Joint-to-joint distance (dimension A) mm	LH side	352		365	
	RH side	429		442	



FRONT HUB

Induction hardened front hubs which were installed optionally on RS to be put in competitions have been replaced by non-induction hardened front hubs (same ones as used in GSR).

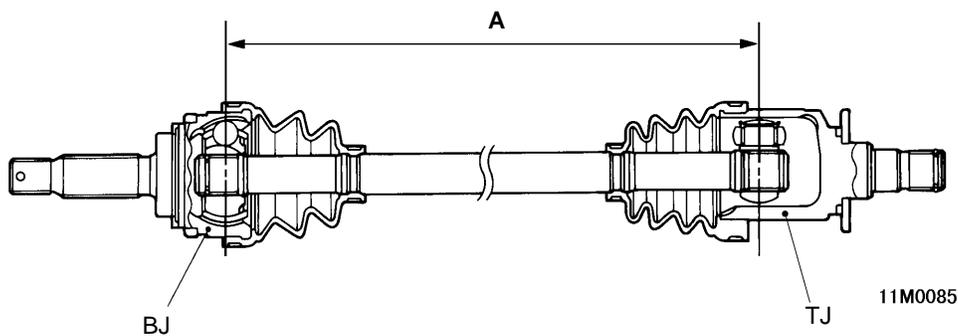
For customers having the will to enter a competition, however, induction hardened front hubs are still available as service parts.

REAR AXLE

DRIVE SHAFTS

The joint-to-joint distance of the drive shaft (dimension A in the illustration) has been revised.

Item		EVOLUTION-VI		Base vehicle (EVOLUTION-V)	
		Without AYC system	With AYC system	Without AYC system	With AYC system
Joint-to-joint distance (dimension A) mm	LH side	490	432	498	443
	RH side	570	442	578	453



REAR HUB

Induction hardened rear hubs which were installed on RS to be put in competitions have been replaced by non-induction hardened rear hubs (same ones as used in GSR). For customers having the will to enter a competition, however, induction hardened rear hubs are still available as service parts.

NOTES