

**THE BRITISH MOTOR CORPORATION  
(AUSTRALIA) PTY. LTD.**

**AUTOMATIC TRANSMISSION  
BORG WARNER 35**



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**SCHEDULE OF REPAIR AND  
ADJUSTMENT TIME ALLOWANCES**

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FOR TRADE GUIDANCE ONLY

CONFIDENTIAL

**PART No: TP 698**

# **AUTOMATIC TRANSMISSION**

## **BORG WARNER 35**

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### **SCHEDULE OF REPAIR TIMES**

The time allowances are based on the actual time required to perform the operation under conditions of normal wear and tear, using the recommended Service Tools, plus time for handling the car, obtaining tools and replacement parts, and for personal requirements.

The time quoted in the schedule should be considered as the maximum required for performing the operations to which they refer. When B.M.C. trained mechanics, modern service equipment and recommended Service Tools are employed it should be possible to effect reductions in the time allowances given.

Each operation is complete in itself. No allowance has been made for rusted or seized parts due to neglect or misuse, or for inaccessibility created by accident damage.

If it is necessary to remove a non-standard accessory or component to gain access, a reasonable time allowance may be added.

Testing and reporting only are chargeable. The cost of diagnosis and final test, however, should be absorbed as a normal expense.

The Company reserves the right to make alterations to this schedule without notice should it be deemed necessary consequent upon design or other alterations.

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Service Technical Department  
Joynton Avenue Zetland.,

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
AT101	Gearbox only, remove and refit or fit new .....	4 —
AT102	Gearbox converter housing, remove and refit or fit new includes removing Gearbox .....	6 —
AT103	Gearbox converter, remove and refit or fit new .....	6 30
AT104	Gearbox only, remove and completely dismantle, examine and clean all components, fit new parts as required, reassemble and refit includes carrying out downshift throttle valve pressure check and stall test check .....	8 30
AT105	Gearbox, converter housing and converter, remove, fit new converter completely dismantle gearbox, clean and examine all components, fit new parts as required, reassemble, and refit, includes carrying out downshift throttle valve pressure check and stall test check .....	11 —
AT106	Front clutch, remove and fit new clutch plate kit and seals and/or fit new input shaft drum assembly, includes removing and refitting gearbox only .....	5 15
AT107	Rear clutch, remove and fit new clutch plate kit and seals and/or fit new drum assembly, includes re- moving and refitting gearbox only .....	5 45
AT108	Front and rear clutch units, remove and fit new clutch plate kits and seals, includes removing and refitting gearbox only .....	6 —
AT109	Front pump, remove and fit new pump, includes removing and refitting gearbox only .....	4 30
AT110	Front pump, remove, dismantle, and clean, fit new seals, reassemble, and refit, includes removing and refitting gearbox only .....	4 45
AT111	Front pump oil seals, remove and fit new, includes removing and refitting gearbox only .....	4 15
AT112	Quadrant lever selector shaft, remove and fit new shaft and parts as required, includes removing and refitting gearbox only .....	5 15
AT113	Dipstick/oil filler tube and breather assembly, re- move and fit new .....	1 —
AT114	Downshift throttle valve cable, remove and fit new, includes removing and refitting oil pan assembly	1 30
AT115	Front servo, remove and fit new includes adjusting	1 30*
AT116	Front servo, remove, dismantle and clean, fit new seals, reassemble, refit and adjust .....	1 45*

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
AT117	Front band adjustment includes R/R sump.....	1 —
AT118	Oil pan remove and refit or fit new .....	45
AT119	Parking pawl assembly, remove, dismantle, fit new parts as required, and refit .....	3 30*
AT120	Governor assembly, remove, dismantle, clean or fit new parts as required, and refit .....	3 —*
AT121	Quadrant lever shaft oil seals, remove and fit new .....	1 —
AT122	Rear pump assembly, remove, dismantle, clean, and refit or fit new pump assembly .....	4 —*
AT123	Rear extension housing assembly, remove and fit new .....	2 45
AT124	Rear extension housing oil seal, remove and fit new .....	1 15
AT125	Rear servo, remove and fit new, includes removing and refitting oil pan assembly, drilling location hole (if necessary) and adjust .....	2 —
AT126	Rear servo, remove dismantle and clean, fit new seals, and reassemble drilling location hole (if necessary) and adjust .....	1 —
AT127	Speedometer drive gear, remove and fit new .....	3 —
AT128	Speedometer drive gear pinion, remove and fit new .....	30
AT129	Starter inhibitor switch, remove and fit new and adjust .....	45
AT130	Valve body assembly, remove and fit new .....	1 15
AT131	Valve body assembly, remove, dismantle and clean, or fit new parts as required .....	2 30
<b>Times marked * are for operations carried out without removal of gearbox from motor</b>		
<b>CONTROL MECHANISM AND LINKAGE</b>		
AT140	Change speed cross-shaft assembly, remove and fit new and/or fit new spherical bush and sleeve .....	1 30
AT141	Change speed cross-shaft bracket, remove and fit new .....	1 15
AT142	Change speed shaft bracket assembly, remove and fit new and/or fit new ball socket .....	1 30
AT143	Hand lever, remove and fit new .....	45
AT144	Lever adjusting rod assembly, remove and fit new and or fit new end assemblies .....	1 30

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
AT145	Lever connecting rod ball joints remove and fit new including adjustment	30
AT146	Operating rod assembly, remove and fit new	2 —
AT147	Operating rod bracket assembly (lower) remove and fit new	1 —
AT148	Operating rod bracket assembly (lower) remove and fit new spherical bush	1 30
AT149	Operating rod support bracket assembly (upper) remove and fit new	1 30
AT150	Selector indicator assembly, remove and fit new	45
AT151	Selector indicator unit bulb, remove and fit new	15

### **PRESSURE ADJUSTMENT CHECKS**

AT160	Air pressure check, includes removing and refitting oil pan and valve body assembly	1 15
AT161	Downshift throttle valve, pressure check and adjust	30
AT162	Stall test	15
AT163	Rear band adjustment, check and adjust includes drilling location hole (where necessary)	45

