

RELEASE NOTES FOR MRC DATABASE VERSION T9.0 (TTS REAL TIMES) SEPTEMBER 2023

INTRODUCTION

MRC Malaysia has provides a repair times database for use in estimating the time required to remove and replace vehicle panels and parts. It also incorporates the repair methodology to meet manufacturers' specifications. There are two types of repair times:

1. Thatcham Composite Times which is repair times categorised based on vehicle types and sizes, whilst.
2. Real Times Acquired from Thatcham and Real Times Locally Research which are repair times based on specific makes and models.

Prior to 2018, only composite times have been used in the claim estimating process. Subsequently, we have introduced specific real times to further improve by matching the actual measurements, parts, components and methods. Specific real times are produced by analysing panel structures and methods review.

MRC Malaysia, in partnership with Thatcham Research, has continuously acquired vehicle specific real times to accommodate similar vehicle models in Malaysia. MRC Malaysia is collaborating with local vehicle manufacturers to build locally research vehicle specific real times.

BENEFITS

Although composite times is generally acceptable and fairly accurate, there are some instances that the actual repair time values deviate slightly from the grouped average due to some car unique design or parts component. These discrepancies can be corrected in specific real times.

The repair times for every task and its sub-operation will be transparent and visible in real times. It would be beneficial for future audits and can also be used as a reference for resolving any dispute on claim estimates.

Motor insurers / takaful operators and the vehicle repair industry can confidently produce accurate vehicle repair estimates using detailed vehicle repair information specifically for the local market. This will help improve transparency as well as provide better quality repair estimates guided by standard maintenance repair work based on actual manufacturer vehicle models.

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In this release version T9.0, MRC Malaysia has successfully completed real times research for 5 vehicle manufacturers with 11 vehicle models and 42 vehicle derivatives. The vehicle models with the new vehicle specific real times are Mitsubishi Triton 2019, Mitsubishi Triton 2021, Mazda 6 2004-2010, Mazda 6 2010-2013, Proton Exora 2009, Proton Gen-2 2004, Proton Savvy 2005, Subaru XV 2017, Subaru XV 2019, Perodua Ativa 2021 and Perodua Ativa 2022.

With this new release, the current times database status as of September 7, 2023, out of 2,658 derivatives of car model variants in the MRC Database, 1,589 derivatives (60.0%) are Thatcham Composite Times, 875 derivatives (33.0%) are Real Times acquired from Thatcham and 194 derivatives (7.0%) are locally research MRC Real Times. (Chart 1.0)

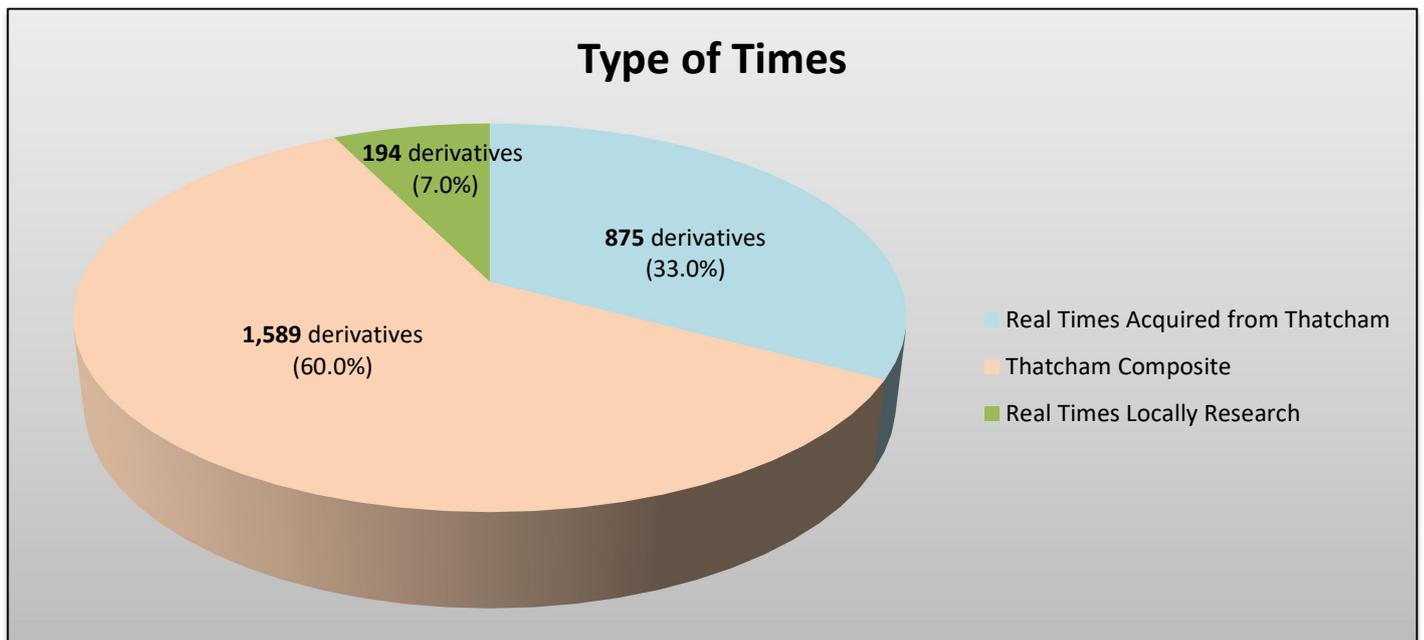


Chart 1.0: MRC Coverage in TTS Vehicle Specific Real Times. Based on MRC vehicle derivatives (2,658 derivatives) as of September 7, 2023.

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1.0 NEW VEHICLES IN DETAIL:

New TTS projects have been carried out to replace previously used Thatcham Composite Time (Generic) with the new TTS Real Time (Actual/Similar Vehicle). This batch consists of 42 derivatives and the vehicle make and model details are as follow:

No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
1	MT103	Mitsubishi	Triton 2019 On	VGT (MT)	2.4	TC064	MT094
2	MT104	Mitsubishi	Triton 2019 On	VGT (AT)	2.4	TC064	MT094
3	MT105	Mitsubishi	Triton 2019 On	VGT Premium (MT)	2.4	TC064	MT094
4	MT106	Mitsubishi	Triton 2019 On	VGT Premium (AT)	2.4	TC064	MT094
5	MT107	Mitsubishi	Triton 2019 On	VGT Adventure X (AT)	2.4	TC064	MT094
6	MT108	Mitsubishi	Triton 2019 On	Quest (MT)	2.5	TC064	MT094
7	MT109	Mitsubishi	Triton 2019 On	Knight (AT)	2.4	TC064	MT094
8	MT111	Mitsubishi	Triton 2021 On	VGT Athlete (AT)	2.4	TC064	MT094
9	MT112	Mitsubishi	Triton 2021 On	Phantom Plus (AT)	2.4	TC064	MT094
10	MZ002	Mazda	6 2004 To 2010	139Bhp (AT)	2	TC027	MZ046
11	MZ013	Mazda	6 2004 To 2010	147Bhp (AT)	2	TC027	MZ046
12	MZ014	Mazda	6 2004 To 2010	167Bhp (AT)	2.3	TC027	MZ046
13	MZ032	Mazda	6 2010 To 2013	147Bhp (AT)	2	TC027	MZ046
14	MZ033	Mazda	6 2010 To 2013	170Bhp (AT)	2.5	TC027	MZ046

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No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
15	PR141	Proton	Exora 2009 On (4/2009 – 6/2010)	Medium Line (AT)	1.6	TC032	PR175
16	PR142	Proton	Exora 2009 On (4/2009 – 6/2010)	High Line (AT)	1.6	TC032	PR175
17	PR143	Proton	Exora 2009 On (7/2009 – 6/2010)	Medium Line (MT)	1.6	TC032	PR175
18	PR144	Proton	Exora 2009 On (11/2009 – 6/2010)	Base Line (MT)	1.6	TC032	PR175
19	PR168	Proton	Exora 2009 On (7/2010 – 12/2011)	Base Line (MT)	1.6	TC032	PR175
20	PR169	Proton	Exora 2009 On (7/2010 – 12/2011)	Medium Line (AT)	1.6	TC032	PR175
21	PR170	Proton	Exora 2009 On (7/2010 – 12/2011)	Medium Line (MT)	1.6	TC032	PR175
22	PR171	Proton	Exora 2009 On (7/2010 – 12/2011)	High Line (AT)	1.6	TC032	PR175
23	PR083	Proton	Gen-2 2004 On	108Bhp (AT)	1.6	TC022	PR158
24	PR084	Proton	Gen-2 2004 On	108Bhp (MT)	1.6	TC022	PR158
25	PR102	Proton	Gen-2 2004 On	94Bhp (AT)	1.3	TC022	PR158
26	PR134	Proton	Gen-2 2004 On	CPS (AT)	1.6	TC022	PR158
27	PR135	Proton	Gen-2 2004 On	CPS (MT)	1.6	TC022	PR158
28	PR136	Proton	Gen-2 2004 On	IAFM (AT)	1.6	TC022	PR158
29	PR137	Proton	Gen-2 2004 On	IAFM (MT)	1.6	TC022	PR158
30	PR100	Proton	Savvy 2005 On	73Bhp (AT)	1.2	TC018	PR118
31	PR101	Proton	Savvy 2005 On	73Bhp (MT)	1.2	TC018	PR118

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No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
32	PR116	Proton	Savvy 2005 On	R3 (AT)	1.2	TC018	PR118
33	PR117	Proton	Savvy 2005 On	R3 (MT)	1.2	TC018	PR118
34	SB012	Subaru	XV 2017 On	2.0i (CVT)	2	TC025	SB003
35	SB013	Subaru	XV 2017 On	2.0i-P (CVT)	2	TC025	SB003
36	SB022	Subaru	XV 2019 On	2.0i (CVT)	2	TC025	SB003
37	SB023	Subaru	XV 2019 On	2.0i-P (CVT)	2	TC025	SB003
38	SB024	Subaru	XV 2019 On	2.0i-P GT (CVT)	2	TC025	SB003
39	PE194	Perodua	Ativa 2021 On	1.0 H (CVT)	1	TC025	PE196
40	PE195	Perodua	Ativa 2021 On	1.0 X (CVT)	1	TC025	PE196
41	PE196	Perodua	Ativa 2021 On	1.0 AV (CVT)	1	TC025	PE196
42	PE207	Perodua	Ativa 2022 On	Hybrid (CVT)	1.2	TC025	PE196

2.0 ADDITIONAL NOTES & INFORMATION :

NIL

Prepared by:

Ahmad Jamil Daud
Research Manager
Automotive Research & Database

Acknowledged by:

Mohd Hairul Abdul Majid
Head
Automotive Research & Database

NOTE:

This is computer generated and no signature is required.