RELEASE NOTES FOR MRC DATABASE VERSION T12.0 (TTS REAL TIMES) JANUARY 2026

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.
2. Real Times Acquired from Thatcham and Locally Research Real 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 Vehicle Specific Real Times to further improve by matching the actual measurements, parts, components and methods. Vehicle 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 Vehicle 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.

RAISING STANDARDS
for the automotive industry

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In this release version T12.0, MRC Malaysia has successfully completed real times research for 6 vehicle manufacturer with 18 vehicle models and 55 vehicle derivatives. The vehicle models with the new vehicle specific real times are Audi Q3 2019, Audi Q2 2021, BMW 3-Series PHEV 2020-2023, BMW 3-Series PHEV 2023, BMW X7 2019-2023, BMW X7 2023, Chevrolet Captiva 2007, Ford Focus 2016, Ford Ranger 2012-2013, Ford Ranger 2015-2018, Ford Ranger 2018-2019, Ford Ranger 2019-2022, Ford Ranger Raptor 2018-2020, Ford Ranger Raptor 2020, Honda CR-V 2002-2005, Honda CR-V 2005-2007, Proton X50 2020-2024, Proton X50 2024-2025 and Proton X50 2025.

With this new release, the current times database status as of December 31, 2025, out of 3,174 derivatives of car model variants in the MRC Database, 1,799 derivatives (56.7%) are Thatcham Composite Times, 1,375 derivatives (43.3%) are vehicle specific real times. (Chart 1.0)
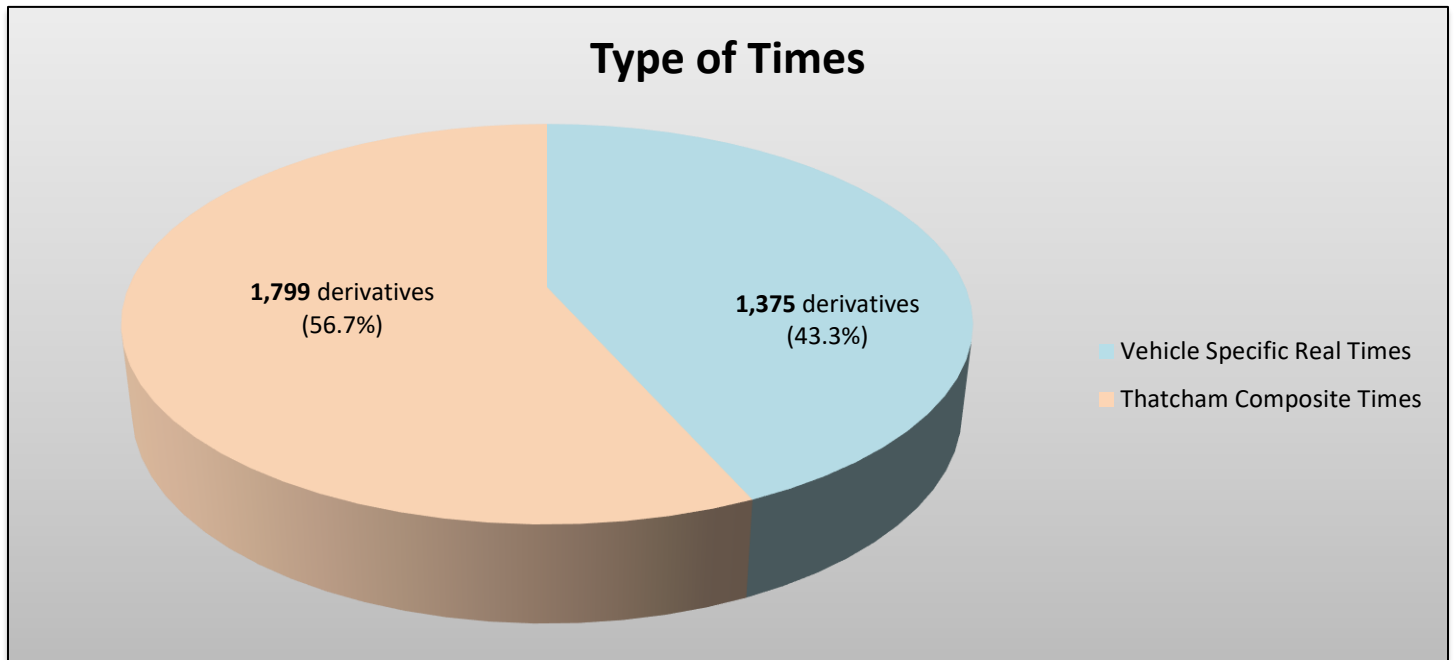
Type of Times

Chart 1.0: MRC Coverage in Vehicle Specific Real Times. Based on MRC vehicle derivatives (3,174 derivatives) as of December 31, 2025.

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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 55 derivatives and the vehicle makes and models details are as follow:

No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
1	AD072	Audi	Q3 2019 On	Sportback TFSI 180Bhp	2.0	TC025	AD044
2	AD062	Audi	Q3 2019 On	TFSI 147Bhp	1.4	TC025	AD044
3	AD075	Audi	Q2 2021 On	TFSI 150Bhp	1.4	TC025	AD065
4	BM170	BMW	3-Series PHEV 2020 To 2023	330e M Sport 181Bhp	2.0	TC027	BM155
5	BM193	BMW	3-Series PHEV 2023 On	330e M Sport 184Bhp	2.0	TC027	BM155
6	BM210	BMW	X7 2019 To 2023	xDrive40i Design Pure Excellence 335Bhp	3.0	TC037	BM080
7	BM211	BMW	X7 2019 To 2023	xDrive40i (CKD) Design Pure Excellence 3	3.0	TC037	BM080
8	BM215	BMW	X7 2023 On	xDrive40i Design Pure Excellence	3.0	TC037	BM080
9	BM216	BMW	X7 2023 On	xDrive40i M Sport	3.0	TC037	BM080
10	CV014	Chevrolet	Captiva 2007 On	AWD 150Bhp	2.0	TC031	CV031
11	CV015	Chevrolet	Captiva 2007 On	FWD 150Bhp	2.0	TC031	CV031
12	CV016	Chevrolet	Captiva 2007 On	AWD 137Bhp	2.4	TC031	CV031
13	CV017	Chevrolet	Captiva 2007 On	FWD 137Bhp	2.4	TC031	CV031

No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
14	CV023	Chevrolet	Captiva 2007 On	AWD 150Bhp	2.0	TC031	CV031
15	CV024	Chevrolet	Captiva 2007 On	FWD 150Bhp	2.0	TC031	CV031
16	FD108	Ford	Focus 2016 On	EcoBoost Trend 180Bhp	1.5	TC022	FD089
17	FD109	Ford	Focus 2016 On	EcoBoost Sport+ 180Bhp	1.5	TC022	FD089
18	FD080	Ford	Ranger 2012 To 2013	WILDTRAK 4X4 197Bhp	3.2	TC043	FD081
19	FD101	Ford	Ranger 2015 To 2018	WILDTRAK 4X4 197Bhp	3.2	TC043	FD081
20	FD102	Ford	Ranger 2015 To 2018	XLT 4X4 197Bhp (A)	3.2	TC043	FD081
21	FD103	Ford	Ranger 2015 To 2018	XLT 4X4 197Bhp (M)	3.2	TC043	FD081
22	FD104	Ford	Ranger 2015 To 2018	XLT 4X4 158Bhp (A)	2.2	TC043	FD081
23	FD105	Ford	Ranger 2015 To 2018	XLT 4X4 158Bhp (M)	2.2	TC043	FD081
24	FD106	Ford	Ranger 2015 To 2018	XL 4X4 123Bhp	2.2	TC043	FD081
25	FD111	Ford	Ranger 2015 To 2018	FX4 4X4 158Bhp	2.2	TC043	FD081
26	FD112	Ford	Ranger 2015 To 2018	XL Standard 123Bhp	2.2	TC043	FD081
27	FD115	Ford	Ranger 2015 To 2018	WILDTRAK 4X4 158Bhp	2.2	TC043	FD081
28	FD118	Ford	Ranger 2018 To 2019	XL 4X4 158Bhp (M)	2.2	TC064	FD081
29	FD119	Ford	Ranger 2018 To 2019	XL 4X4 158Bhp (A)	2.2	TC064	FD081
30	FD120	Ford	Ranger 2018 To 2019	XLT 4X4 158Bhp (M)	2.2	TC064	FD081

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No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
31	FD121	Ford	Ranger 2018 To 2019	XLT 4X4 158Bhp (A)	2.2	TC064	FD081
32	FD122	Ford	Ranger 2018 To 2019	Si-Turbo XLT+ 178Bhp	2.2	TC064	FD081
33	FD123	Ford	Ranger 2018 To 2019	Si-Turbo WildTrak 4X2 178Bhp	2.0	TC064	FD081
34	FD124	Ford	Ranger 2018 To 2019	Bi-Turbo WildTrak 4X4 210Bhp	2.0	TC064	FD081
35	FD131	Ford	Ranger 2019 To 2022	XLT SE 158Bhp	2.2	TC064	FD081
36	FD132	Ford	Ranger 2019 To 2022	FX4 4X4 158Bhp	2.2	TC064	FD081
37	FD133	Ford	Ranger 2019 To 2022	Wildtrak 2.0 EcoBlue 210Bhp	2.0	TC064	FD081
38	FD134	Ford	Ranger 2019 To 2022	XLT Plus 178Bhp	2.0	TC064	FD081
39	FD116	Ford	Ranger Raptor 2018 To 2020	2.0 Bi-Turbo 210Bhp	2.0	TC064	FD081
40	FD129	Ford	Ranger Raptor 2020 On	2.0 Bi-Turbo 210Bhp	2.0	TC064	FD081
41	FD130	Ford	Ranger Raptor 2020 On	X SE 210Bhp	2.0	TC064	FD081
42	HD043	Honda	CR-V 2002 To 2005	i-VTEC 154Bhp	2.0	TC031	HD042
43	HD072	Honda	CR-V 2005 To 2007	i-VTEC 154Bhp	2.0	TC031	HD042
44	PR259	Proton	X50 2020 To 2024	1.5T Standard	1.5	TC025	PR261
45	PR260	Proton	X50 2020 To 2024	1.5T Executive	1.5	TC025	PR261
46	PR261	Proton	X50 2020 To 2024	1.5T Premium	1.5	TC025	PR261

No	TVI Project Code	Make	Model	Trim	Engine Size	Current TTS Project Code	New TTS Project Code
47	PR262	Proton	X50 2020 To 2024	1.5T TGDi Flagship	1.5	TC025	PR261
48	PR294	Proton	X50 2024 To 2025	1.5T Standard	1.5	TC025	PR261
49	PR295	Proton	X50 2024 To 2025	1.5T Executive	1.5	TC025	PR261
50	PR296	Proton	X50 2024 To 2025	1.5T Premium	1.5	TC025	PR261
51	PR297	Proton	X50 2024 To 2025	1.5T TGDi Flagship	1.5	TC025	PR261
52	PR302	Proton	X50 2024 To 2025	Sport Edition	1.5	TC025	PR261
53	PR303	Proton	X50 2025 On	1.5T Executive	1.5	TC025	PR261
54	PR304	Proton	X50 2025 On	1.5T Premium	1.5	TC025	PR261
55	PR305	Proton	X50 2025 On	1.5T Flagship	1.5	TC025	PR261

2.0 ADDITIONAL NOTES & INFORMATION :

NIL

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NOTE:This is computer generated and no signature is required.