



**ERGONOMICS PARTICIPATORY OPPURTUNITIES TO DETERMINE A
COMFORTABLE CAR SEAT FOR MALAYSIAN MALE CAR DRIVER**

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ABSTRACT

The development of comfortable seats is an important issue in the automotive industry. The purpose of seat is to provide stable bodily support in a posture that comforts over a period of time, physiologically satisfactory and appropriate to the task or activity in question.

In order to match the seat to the user, anthropometric factors are the major importance in designing car seat. At such, it should accommodate the entire population by using appropriate parameters according to their anthropometric dimensions. Seat reference point, seat height, seat width, lumbar support and adjustability range of seat should also be considered as part and partial of designing this car seat.

This study uses qualitative method such as observation and measurement to collect data. The relevant anthropometric data was used to propose the recommended car seat design based on Malaysian size.

It is hoped that the finding of this anthropometric data will be used in designing car seat and increasing the comfort and alertness of the drivers, also help reducing fatigue while driving a car on the road.

TABLE OF CONTENTS

CONTENTS	PAGE
PAGE TITLE	i
ACKNOWLEDGEMENT	ii
ABSTRACT	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	viii
LIST OF FIGURES	x
LIST OF ABBREVIATIONS	xii
CHAPTER 1 INTRODUCTION	
1.1 General	1
1.2 Background of the problem	2
1.3 Objectives	3
1.4 Scope	4
1.5 Significant of the study	4

CHAPTER 2 LITERATURE REVIEW

2.1	Introduction	5
2.2	Anthropometrics data	6
2.3	Anthropometrics aspects of seat design	8
2.3.1	Seat height	8
2.3.2	Seat width	9
2.3.3	Seat depth	10
2.3.4	Backrest dimension	11
2.3.5	Seat surface	12
2.4	Car Driving Postures	12
2.5	The Effect of Postures	13
2.6	RULA Analysis	15
2.7	Summary	15

CHAPTER 3 METHODOLOGY

3.1	Introduction	16
3.2	Anthropometry data	17
3.2.1	Standard sitting postures	17
3.2.2	Sampling techniques	18
3.2.3	Measuring process	18
3.2.3	Analysis data using SPSS	21
3.3	Seat measurement	21
3.3.1	Definition of seat measurement	21
3.4	Design and simulation Software	23
3.5	Summary	23