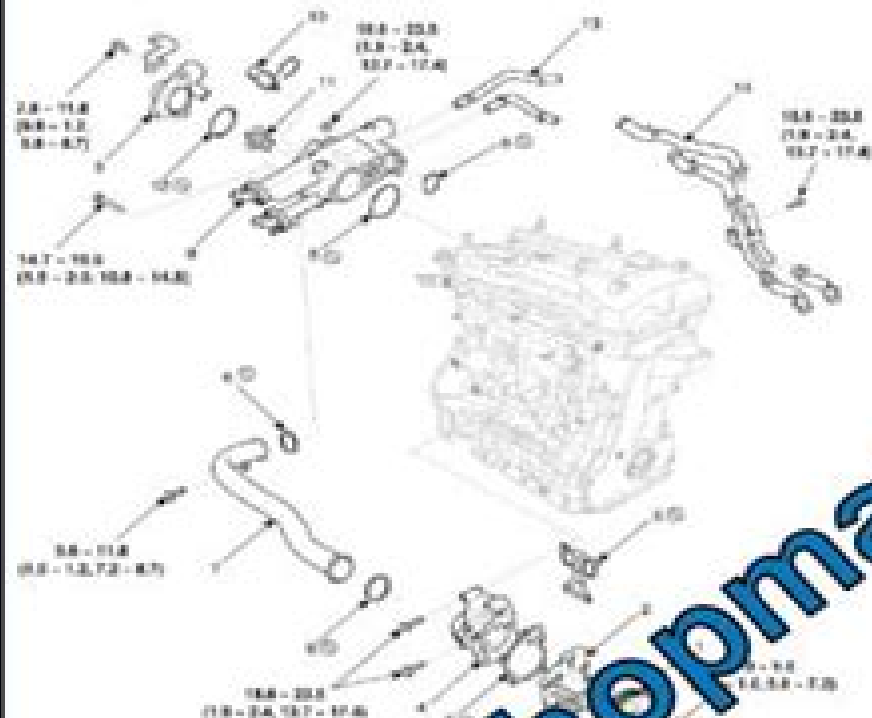


KIA Optima 2010-2015 Workshop Manual

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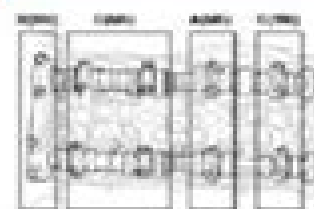
Torque : Nm (kgf.m, ft.lf)

1. Water pump pulley	6. Timing belt	11. Thermostat
2. Water pump sub-assembly	7. Water pump	12. Thermostat gasket
3. Water pump gasket	8. Water pump gasket	13. Thermostat body insulator hoses
4. Water pump cover	9. Water pump sub-assembly	14. Oil cooler contact hoses
5. Water pump cover gasket	10. Water pump cover	

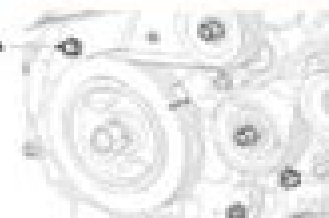
Engine Mechanical System - Cooling System - Water pump - Repair procedures

Removal of water pump

1. Loosen the drain plug, and drain the engine coolant. Remove the radiator cap to drain with speed.



Tightening torque :
11.8 - 14.7N.m (1.2 - 1.5kgf.m, 8.7 - 10.8ft.lf)



Kia Optima Owners Manual 2010

Mike Jess



Kia Optima Owners Manual 2010:

This book delves into Kia Optima Owners Manual 2010. Kia Optima Owners Manual 2010 is an essential topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Kia Optima Owners Manual 2010, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Kia Optima Owners Manual 2010
 - Chapter 2: Essential Elements of Kia Optima Owners Manual 2010
 - Chapter 3: Kia Optima Owners Manual 2010 in Everyday Life
 - Chapter 4: Kia Optima Owners Manual 2010 in Specific Contexts
 - Chapter 5: Conclusion
2. In chapter 1, the author will provide an overview of Kia Optima Owners Manual 2010. The first chapter will explore what Kia Optima Owners Manual 2010 is, why Kia Optima Owners Manual 2010 is vital, and how to effectively learn about Kia Optima Owners Manual 2010.
3. In chapter 2, the author will delve into the foundational concepts of Kia Optima Owners Manual 2010. The second chapter will elucidate the essential principles that need to be understood to grasp Kia Optima Owners Manual 2010 in its entirety.
4. In chapter 3, the author will examine the practical applications of Kia Optima Owners Manual 2010 in daily life. The third chapter will showcase real-world examples of how Kia Optima Owners Manual 2010 can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of Kia Optima Owners Manual 2010 in specific contexts. This chapter will explore how Kia Optima Owners Manual 2010 is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, the author will draw a conclusion about Kia Optima Owners Manual 2010. This chapter will summarize the key points that have been discussed throughout the book.

This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Kia Optima Owners Manual 2010.

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Kia Optima Owners Manual 2010 Introduction

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