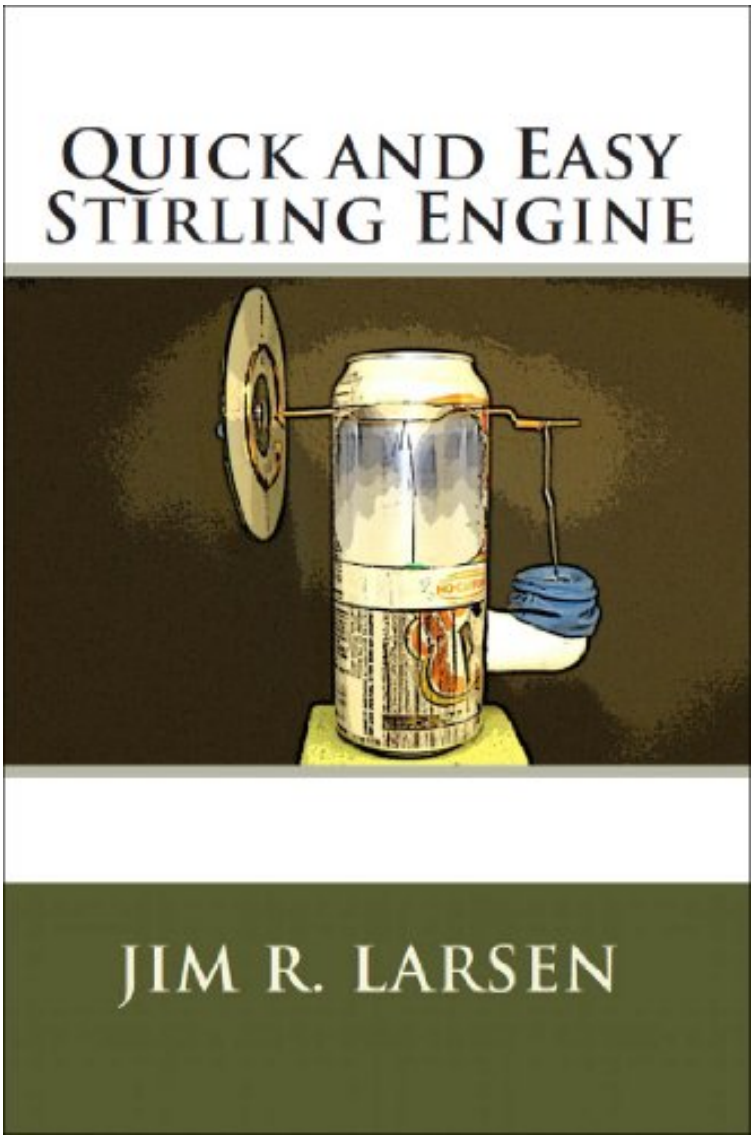
Quick and Easy Stirling Engine (English Edition)



Par Jim Larsen
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[Free pdf] Quick and Easy Stirling Engine (English Edition)

Par Jim Larsen : Quick and Easy Stirling Engine (English Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised Quick and Easy Stirling Engine (English Edition):

Description :

Prsentation de l'diteurDo you know how to make a working engine from soda cans? You do now! The Quick and Easy Stirling Engine book will show you every detail you need to know. There are no difficult secrets and no expensive parts to buy. With two soda cans and a few other materials you can build a running engine in just a few hours.The engine featured in this book was designed for use in educational settings. Consulting with several educators, this engine was designed so that it could be assembled with simple hand tools by most builders in about three hours. The parts list is simple and affordable. Simple hand tools are all that is required for assembling this engine.Once assembled, the engine will spin a flywheel when the bottom is

heated and ice is placed on top. This is a hot air engine design, sometimes referred to as a Stirling Engine. The engine makes motion by exercising a temperature differential. The bottom half of the engine must be warmed to about 250 degrees F, and the top of the engine must be cooled with cold water or ice. When these conditions are present, the engine will spin between 100 and 200 rpm.The primary components of this engine are soda cans, copper wire, and an old CD. The adhesive that is used for construction is readily available at hardware stores. This engine is a fun project for students, home builders, hobbyists, and anyone who wants to learn how to make their own hot air engine from soda cans.Prsentation de l'diteurDo you know how to make a working engine from soda cans? You do now! The Quick and Easy Stirling Engine book will show you every detail you need to know. There are no difficult secrets and no expensive parts to buy. With two soda cans and a few other materials you can build a running engine in just a few hours.The engine featured in this book was designed for use in educational settings. Consulting with several educators, this engine was designed so that it could be assembled with simple hand tools by most builders in about three hours. The parts list is simple and affordable. Simple hand tools are all that is required for assembling this engine.Once assembled, the engine will spin a flywheel when the bottom is heated and ice is placed on top. This is a hot air engine design, sometimes referred to as a Stirling Engine. The engine makes motion by exercising a temperature differential. The bottom half of the engine must be warmed to about 250 degrees F, and the top of the engine must be cooled with cold water or ice. When these conditions are present, the engine will spin between 100 and 200 rpm.The primary components of this engine are soda cans, copper wire, and an old CD. The adhesive that is used for construction is readily available at hardware stores. This engine is a fun project for students, home builders, hobbyists, and anyone who wants to learn how to make their own hot air engine from soda cans.Biographie de l'auteurJim R. Larsen is a big fan of the Stirling Cycle Engine, and the author of other great Stirling engine titles including, Three LTD Stirling Engines You Can Build Without a Machine Shop, and "Eleven Stirling Engine Projects You Can Build". He has been designing and building model Stirling Engines for many years. Jim is a teacher, a trainer, author, and artist. He strives to make interesting and unique model engines that you can build yourself.