



# MERCURY

## MARINE "270" ENGINE

(Stern Drive and Inboard)

### SERIAL NUMBERS:

Marine 270 Engine . . . . . 3651074 and up

### INDEX:

	<u>Page</u>
Carburetor Assembly, Complete . . . . .	10
Cylinder Block, Piston and Crankshaft . . . . .	17
Cylinder Head and Rocker Cover . . . . .	21
Distributor Assembly, Complete . . . . .	6
Engine Mounting . . . . .	14
Exhaust Kit . . . . .	28
Exhaust Manifold and Exhaust Elbow . . . . .	11
Flywheel Housing and Oil Cooler . . . . .	13
Fuel Pump, Fuel Filter and Carburetor . . . . .	7
Intake Manifold and Oil Pump . . . . .	20
Remote Oil Filter . . . . .	27
Reverse Lock Valve Assembly and Shift Lever . . . . .	22
Starter Motor and Alternator . . . . .	3
Transmission Assembly (STERN DRIVE) . . . . .	25
Transmission Assembly (INBOARD) . . . . .	26
Water Pump Assembly, Complete . . . . .	16
Wiring Harness, Switch Box and Ignition Coil . . . . .	3

"TYPICAL VIEWS ARE SHOWN"

Parts List Part No. ●C-90-57570

AR - As Required

Opt. - Optional

NOTE: All part numbers preceded by a (●) are new and listed for the first time.

### KIEKHAEFER MERCURY

DIVISION OF BRIDGESIDE CORPORATION

FOND DU LAC, WISCONSIN 54935

# 1970 Mercruiser Manual

**S Nieto**



**1970 Mercruiser Manual:**

## **1970 Mercruiser Manual** Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the energy of words has become more evident than ever. They have the capability to inspire, provoke, and ignite change. Such could be the essence of the book **1970 Mercruiser Manual**, a literary masterpiece that delves deep into the significance of words and their effect on our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

<https://kmsbrunchlive.gobrunch.com/results/browse/fetch.php/Year%205%20Multiplication%20Colouring%20Sheets.pdf>

### **Table of Contents 1970 Mercruiser Manual**

1. Understanding the eBook 1970 Mercruiser Manual
  - The Rise of Digital Reading 1970 Mercruiser Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying 1970 Mercruiser Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an 1970 Mercruiser Manual
  - User-Friendly Interface
4. Exploring eBook Recommendations from 1970 Mercruiser Manual
  - Personalized Recommendations
  - 1970 Mercruiser Manual User Reviews and Ratings
  - 1970 Mercruiser Manual and Bestseller Lists

5. Accessing 1970 Mercruiser Manual Free and Paid eBooks
  - 1970 Mercruiser Manual Public Domain eBooks
  - 1970 Mercruiser Manual eBook Subscription Services
  - 1970 Mercruiser Manual Budget-Friendly Options
6. Navigating 1970 Mercruiser Manual eBook Formats
  - ePub, PDF, MOBI, and More
  - 1970 Mercruiser Manual Compatibility with Devices
  - 1970 Mercruiser Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of 1970 Mercruiser Manual
  - Highlighting and Note-Taking 1970 Mercruiser Manual
  - Interactive Elements 1970 Mercruiser Manual
8. Staying Engaged with 1970 Mercruiser Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers 1970 Mercruiser Manual
9. Balancing eBooks and Physical Books 1970 Mercruiser Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection 1970 Mercruiser Manual
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine 1970 Mercruiser Manual
  - Setting Reading Goals 1970 Mercruiser Manual
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of 1970 Mercruiser Manual
  - Fact-Checking eBook Content of 1970 Mercruiser Manual
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
  - Interactive and Gamified eBooks

## **1970 Mercruiser Manual Introduction**

In today's digital age, the availability of 1970 Mercruiser Manual books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of 1970 Mercruiser Manual books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of 1970 Mercruiser Manual books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing 1970 Mercruiser Manual versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, 1970 Mercruiser Manual books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing 1970 Mercruiser Manual books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for 1970 Mercruiser Manual books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited

period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, 1970 Mercruiser Manual books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of 1970 Mercruiser Manual books and manuals for download and embark on your journey of knowledge?

### **FAQs About 1970 Mercruiser Manual Books**

**What is a 1970 Mercruiser Manual PDF?** A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a 1970 Mercruiser Manual PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a 1970 Mercruiser Manual PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a 1970 Mercruiser Manual PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a 1970 Mercruiser Manual PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers

PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

**Find 1970 Mercruiser Manual :**

year 5 multiplication colouring sheets

**xtreme paper accounting november 2012**

0460-01-m-j-08

**iterates of maps on an interval**

**biology hl paper 1 november 2008**

**2014 regents living environment**

2nd semester review 2014 biology everman

campbell essential biology with physiology 4th edition

*fundamentals of accounting advanced course*

12 3 form g inscribed angles

*ags world history teachers edition workbook*

**83 gpz 550 repair manual**

peugeot 405 service and repair manual rar

*boeing 777 operators manual*

*spanish listening center 2nd grade*

**1970 Mercruiser Manual :**

**victorian and edwardian photographs costume research library - Dec 12 2021**

*victorian and edwardian fashion a photographic survey* - Jul 31 2023

web victorian and edwardian fashion a photographic survey alison gernsheim google books since the invention of photography there has not been a history of fashion

**victorian and edwardian fashion a photographic** - Jun 29 2023

web photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course the photos soon

*victorian edwardian fashion a photographic survey* - Jan 25 2023

web apr 9 2013 photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course

victorian and edwardian fashion a photographic - May 29 2023

web victorian edwardian fashion a photographic survey alison gernsheim courier corporation jan 1 1981 antiques collectibles 128 pages 1 review reviews aren t

victorian edwardian fashion a photographic survey - Oct 02 2023

web victorian edwardian fashion a photographic survey gernsheim alison free download borrow and streaming internet archive victorian edwardian fashion a

**victorian and edwardian fashion a photographic survey** - Jun 17 2022

web victorian and edwardian fashion a photographic survey dover fashion and costumes download ai quiz 0 0 was this document helpful 0 0 victorian and

*epub read victorian and edwardian fashion a photographic* - Feb 11 2022

*victorian and edwardian fashion a photographic survey* - Dec 24 2022

web from trustpilot buy a cheap copy of victorian and edwardian fashion a book by alison gernsheim a noted photohistorian documents bonnets capes frock coats caps

**14 edwardian fashion images the graphics fairy** - Nov 10 2021

**victorian and edwardian fashion a photographic survey dover** - Mar 15 2022

web 14 edwardian fashion images today we have a stunning collection of edwardian fashion images showing beautiful women s fashions featured below are vintage

victorian and edwardian fashion a photographic - Mar 27 2023

web photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date

photographs in her collection of course the photos soon  
[victorian and edwardian fashion on apple books](#) - Jul 19 2022

web picture taking historian alison gernsheim first studied victorian and edwardian style in order to be able to date photos in her collection moustaches straw hats bustles and

[victorian and edwardian fashion a photographic survey](#) - Aug 20 2022

web about this book a noted photohistorian documents bonnets capes frock coats caps shawls bodices and crinolines as people actually wore them from 1840 through 1914

[pdf victorian and edwardian fashion by alison gernsheim](#) - Apr 15 2022

web victorian edwardian photographs featuring excellent period costuming keywords costume costume history fashion fashion history apparel vintage clothing

**victorian and edwardian fashion a photographic survey** - Apr 27 2023

web victorian edwardian fashion a photographic survey alison gernsheim a noted photohistorian documents bonnets capes frock coats caps shawls bodices and

[victorian and edwardian fashion a photographic survey](#) - May 17 2022

web outfits with 309 beautiful colour photographs including illustrations of fashion plates and victorian carte de visite photographs this will be an invaluable resource for the

**victorian and edwardian fashion a photographic sur mitchell** - Jan 13 2022

**victorian and edwardian fashion by alison gernsheim scribd** - Sep 20 2022

web the fashion history of the victorian and edwardian eras is supported by many period photographs keeping in mind that the photographs are of wealthy people almost

**victorian edwardian fashion a photographic survey** - Nov 22 2022

web apr 9 2013 photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course

[victorian and edwardian fashion a photographic survey](#) - Sep 01 2023

web apr 9 2013 photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course

**victorian edwardian fashion a photographic survey google** - Feb 23 2023

web photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course the photos soon

**victorian and edwardian fashion a photographic survey dover** - Oct 22 2022

web photography historian alison gernsheim first studied victorian and edwardian fashion in order to be able to date photographs in her collection of course the photos soon

**written exam for county job santa clara answers for 2023 exams** - Jul 05 2023

web preparing for a written exam santa clara county california written exam or for candidates who have not taken a written exam recently disclaimer this guide provides general information about the county of santa clara s written exams

**test jobs in santa clara county ca indeed** - Feb 17 2022

web 6 558 test jobs available in santa clara county ca on indeed com apply to tester quality assurance analyst senior application developer and more

**testing examination process county of san mateo ca** - Mar 21 2022

web a county examination may include a supplemental application a screening process a written test a performance test and or an interview not all examinations include all these parts for most entry level positions the examination will have two parts a

**hiring process office of the sheriff county of santa clara** - May 03 2023

web if the applicant meets the minimum requirements the human resources department will send an email inviting the applicant to the written and agility test the written examination and agility test are held at the justice training center academy campus located in

**learning test prep santa clara county library district** - Aug 26 2022

web oct 3 2023 writing lab get feedback within one business day skillsurfer study resources and test prep send question get a response within one business day language lab live help learning spanish leap create a customized learning plan flashbulb create and share flashcards tests and games eparachute identify potential

**careers office of the sheriff county of santa clara** - Jul 25 2022

web if you have taken the written examination with the county of santa clara the score is valid for one year to request to use your previous score on a current application process please e mail the recruiting analyst at the employee services agency

**job search tool kit employee services agency county of santa clara** - May 23 2022

web home job search tool kit job search tool kit when it comes to applying for employment with the county of santa clara you may find the information below helpful the county of santa clara is an equal opportunity employer eoe job applicant guide preparing for written exams preparing for an oral exam

**county of santa clara jobs careers 67 open positions** - Apr 21 2022

web nov 6 2023 county of santa clara social worker ii department of family and children services dfcs san jose ca 89k 108k

employer est 4d county of santa clara medical assistant santa clara ca 59k 71k employer est  
*job bulletin governmentjobs com - Apr 02 2023*

web note candidates who meet the employment standards will be invited to take a written examination administered on site  
written exams are tentatively scheduled for august 26 2023 through august 29 2023 qualifying candidates will be notified via  
email with instructions for taking the examination typical tasks

preparing for a written exam santa clara county california - Aug 06 2023

web introduction congratulations on your invitation to take a written exam with the county of santa clara this tip sheet will  
help you understand the purpose of written exams learn how to prepare for written exams become familiar with the written  
exam administration procedure and provide some resources you may use to prepare

**county of santa clara interview questions 2023 glassdoor** - Jun 04 2023

web sep 18 2023 county of santa clara interview details 71 interview questions and 69 interview reviews posted  
anonymously by county of santa clara interview candidates

**written exam for santa clara county job answers for 2023 exams** - Sep 07 2023

web the written exam is a 100 question multiple choice test generated by cps hr and is comprised of the following six  
sections joinscfd org written test prep current exams california edd

what type of questions are asked on the written exam social indeed - Sep 26 2022

web sep 11 2018 find answers to what type of questions are asked on the written exam social worker from county of santa  
clara employees get answers to your biggest

**recruitment process flow chart for santa clara county** - Jan 31 2023

web recruitment process for santa clara county hr recruitment analyst creates plan and conducts exam job analysis with sme  
issues job announcement for a minimum of 10 working days adds evaluation steps to exam plan screens applications enters  
results application accepted develops revises written examination in tms adds test dates

**entry level career options santa clara county california** - Oct 28 2022

web eligibility worker i food service worker correction food service worker i graphic designer i group counselor i health care  
financial analyst i health information clerk i health services representative hospital services assistant i janitor junior civil  
engineer

**apply now office of the sheriff county of santa clara** - Nov 28 2022

web the links below will send you to the santa clara county job portal you will need to create or sign into an existing neogov  
online account to apply for a position with the sheriff s office once you have submitted your application you will receive an e  
mail with instructions on how to self register for a written and agility test

*20 county of santa clara interview questions and answers - Jun 23 2022*

web sep 25 2022 county of santa clara interview process the interview process at county of santa clara can vary depending on the position you are applying for however most positions will require you to take a written test followed by one or more interviews

**hr practices manual employee services agency santa clara county - Dec 30 2022**

web hr practices manual the employee services agency esa is pleased to present the human resources practices manual this documents many subjects pertaining to personnel transactions that a county employees may experience during

**preparing for a written exam santa clara county california - Oct 08 2023**

web a written exam is an effective way to objectively test a large number of candidates how is the exam created the written exam is created in conjunction with the job expert s the exam is based on the knowledge skills and abilities listed on the job specification that are most important for successful performance on the job

**written exams office of the sheriff county of santa clara - Mar 01 2023**

web only the entry level cadet positions of deputy sheriff cadet and sheriff s correctional deputy cadet require a written examination lateral positions for either do not require a written examination deputy sheriff we now accept the p o s t entry level law enforcement test battery pellet b to satisfy our requirement for a written examination

**les signes ou des singes saison 3 4 by alain leclercq - Oct 25 2021**

web aug 19 2023 les signes astrologiques mois de chaque signe la plante des singes 3 le synopsis officiel et un critique la plante des singes suprmatie cloneweb la

**les signes ou des singes saison 3 4 download only - Mar 10 2023**

web sous le signe du singe l homme le singe et l oiseau bibliotheque universelle de geneve supplement a la bibliotheque universelle de geneve bulletin de l academie de médecine

*les signes ou des singes saison 3 4 french edition ebook - Jul 14 2023*

web les signes ou des singes saison 3 4 french edition ebook leclercq alain amazon ca boutique kindle

[signs date de sortie de la saison 3 sur netflix fiebreseries](#) - Aug 03 2022

web mar 1 2022 y aura t il une saison 3 de signs signs renouvelle t elle pour une saison 3 aurons nous une première de signs saison 3 nous savons que vous adorez signs ça

**signs série tv 2018 allociné - Jul 02 2022**

web retrouvez tous les détails des 2 saisons et des 16 épisodes de la série ainsi que toutes les news et les vidéos

**les signes ou des singes saison 3 4 download only wrbb neu - Jan 08 2023**

web 2 les signes ou des singes saison 3 4 2020 06 10 communication et leur longévité en quelques millions d années à peine

les humains sont devenus l'espèce dominante

**les signes ou des singes saison 3 4 by alain leclercq** - Feb 09 2023

web les signes ou des singes saison 3 4 by alain leclercq la plante des singes suprématie 2017 un film de matt april 29th 2020  
la planète des singes suprématie un film de

[télécharger les signes ou des singes saison 3 amp 4 de](#) - Jun 13 2023

web jul 25 2021 le livre les signes ou des singes saison 3 4 est maintenant disponible au téléchargement au format pdf ou  
epub sur le livre les signes ou des singes

[les signes ou des singes saison 3 4 poczta builduk](#) - Jan 28 2022

web le signe du singe signes et singes bulletin de l'academie de médecine les singes hommes le singe le singe sur l'épaule du  
fou oeuvres complètes jocko le monstre

**calendrier du tri 2022 signes** - Mar 30 2022

web jan 12 2022 la médiathèque de signes vous propose 28 06 2022 inauguration du city stade 28 06 2022 festival choral  
international en provence 27 06 2022 message

*le signe des quatre film 1923 wikipédia* - Feb 26 2022

web le signe des quatre the sign of four est un film muet britannique réalisé par maurice elvey sorti en 1923 le scénario est  
adapté du roman le signe des quatre d arthur

[signs saison 3 quelle date de sortie netflix une suite prévue](#) - Jun 01 2022

web sep 17 2020 si tout se passe comme prévu nous pouvons nous attendre à ce que la date de sortie de la saison 3 de signs  
sorte en 2022 sur axn dans son pays d'origine et

**les signes ou des singes saison 3 4 pdf win raid** - May 12 2023

web nouveaux essais sur les hiéroglyphes ou figures symboliques et sacrées des égyptiens et des grecs utiles à l'intelligence  
des monumens mythologiques des autres peuples ornés

[les signes ou des singes saison 3 4 marketing isync](#) - Dec 27 2021

web les signes ou des singes saison 3 4 les singes additions aux quadrupèdes les grands singes signes et singes sous le signe  
du singe ces grands singes qui nous

**les signes ou des singes saison 3 4 e littré** - Sep 04 2022

web one merely said the les signes ou des singes saison 3 4 is universally compatible with any devices to read dictionnaire de  
la langue française contenant supplément

[les signes ou des singes saison 3 4 françois rozier](#) - Oct 05 2022

web saison 3 4 yeah reviewing a ebook les signes ou des singes saison 3 4 could grow your near friends listings this is just

one of the solutions for you to be successful as

**singes de la sagesse wikipédia** - Apr 30 2022

web dans les nouvelles aventures de lucky luke lucky luke se rend dans une base secrète dont le drapeau représente les 3 singes dans charmed un épisode est basé sur les

**les signes ou des singes saison 3 4 format kindle amazon fr** - Aug 15 2023

web achetez et téléchargez ebook les signes ou des singes saison 3 4 boutique kindle chaos amazon fr

les signes ou des singes saison 3 4 full pdf dallas lin 14 - Sep 23 2021

web les signes ou des singes saison 3 4 les signes des singes lamettrie s l homme machine l homme est il un grand singe politique l homme le singe et l oiseau

les signes ou des singes saison 3 4 by alain leclercq - Nov 06 2022

web jun 14 2023 les signes ou des singes saison 3 4 by alain leclercq is available in our publication mx watchshopping com 1 8 les signes ou des singes

*les signes ou des singes saison 3 4 download only* - Nov 25 2021

web les signes ou des singes saison 3 4 a complete course of french reading lessons planète singes les maladies osseuses des grands singes le bébé le singe et

télécharger les signes ou des singes saison 3 4 yumpu - Apr 11 2023

web dans le prochain et dernier chapitre vous saurez que les signes ou des singes saison 3 4 est un livre très intéressant de plus vous pouvez télécharger le pdf gratuitement ici

les signes ou des singes saison 3 4 by alain leclercq - Dec 07 2022

web et marne un billet unique pour le parc des flins les 7 meilleures images de montagne des singes montagne les 3 singes secret du bonheur les 3 singes secret du fr serie la