

# **Automotive Electronics**



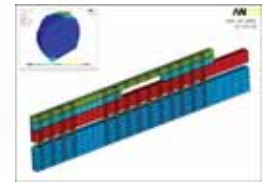
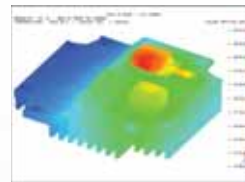
## Introduction

USI, Universal Scientific Industrial Co., Ltd., a top tier electronic manufacturer in Taiwan with over 20 years accumulated experience in the field, has won its reputation in the industry and received recognition, high praise from world-class customers and long-term partners around the world. Continuously extending business with its core competence in hybrids, USI has become one of the most competitive suppliers of automotive components, modules and subsystems in the world. In addition, its products are also widely used in versatile application fields including computer and peripherals, communication, consumer electronics, instrumentation, industry control and aerospace.

Being one of Top tier CEM facilitator in the world, USI is committed to be a professional contract manufacturer providing customers the best-in-class and complete supply value chain from design to logistics support.

## Core Technology

- CAE capability
- Mechatronics
- Thick Film Process
- Electronics Packaging
- Thermal management



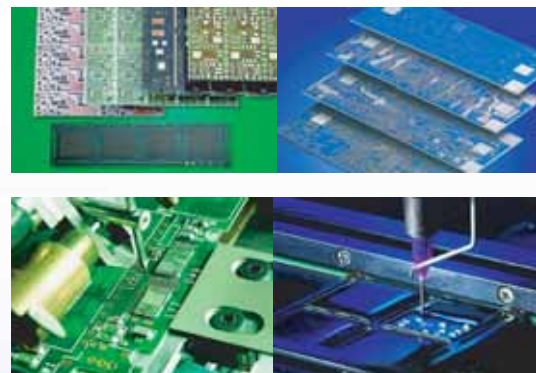
## Design Capability

- We have experienced CAE team dedicated in design simulation and stress analysis to support product development and verification.
  - Thermal tool is I-DEAS/ESC and Finite element tool is ANSYS/Multiphysics
- We have system knowledge in the following areas
  - Under-the-hood application
  - Electronic and mechanical interface
  - Design verification and product validation
  - QS9000, APQP, TS16949 systems and 6 Sigma program
- Process & Package Selection
  - Substrate: PCB, Flexible PCB, Hybrid, LTCC, Thermal clad, IMS, DBC
  - Process based on thermal management, and package requirements
  - Interconnection: Soldering, Wire bonding, Flip-Chip bonding, COB, Welding.
  - Environmental protection: Conformal coating, glue potting design
  - Package: Insertion mold, hermetic sealing
- Product development experiences include three disciplines
  - Hardware (circuitry) design
  - Software/Firmware design (algorithm & coding)
  - ASIC design



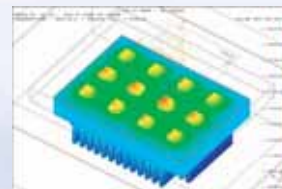
## Manufacturing Capability

- Manufacturing Engineering
  - New process development and verification
  - New material evaluation
  - Process automation planning including error proof mechanism and MSA
  - Process parameters optimization (DOE) and continuous improvement
- PCB Assembly
  - SMT & PTH mixed assembly
  - Axial and radial components automatic insertion(AI)
  - Automatic Optical inspection(AOI) and In-Circuit Test
  - Conformal coating process
  - High frequency experience(up to 5.6 GHz)
  - CFC-free cleaning process
  - Computer-Aided Testing System
- Thick Film Hybrids
  - Metallized Substrates
  - Thick Film Screen Printing
  - Laser Trimming and scribing
- Electronics Packaging
  - Wire/Die Bonding
- Turn-key Assembly



## Verification and Validation

- CAE and CAD
- Testing Engineering
- LAB capabilities
- Advanced analytical tools



## Quality Awards

- 2004 OHSAS Certified
- 2003 TS16949 Certified
- 2002 Siemens VDO Top+ Together Award
- 2001 Valeo 1000 Certified  
TL9000 Certified
- 1998 ISO14001 Certified
- 1997 QS9000 Certified
- 1995 Chrysler Gold Pentastar Award  
Siemens Ship to Stock Certification
- 1992 Siemens Certificate of Honor  
Chrysler Quality Excellence Award
- 1991 Chrysler Quality Excellence Award
- 1988 Ford Q1 Preferred Quality Award



# USI Product Platforms

Power Driver	Instrumentation & Display	Sensing Module	Electronic Control Unit
<ul style="list-style-type: none"> <li>- <i>Motor Controller for</i> <ul style="list-style-type: none"> <li>• Engine Cooling Fan</li> <li>• HVAC Blower</li> <li>• Electric Sunroof</li> <li>• Electric Bike &amp; Scooter</li> </ul> </li> <li>- <i>Charging System Electronics</i> <ul style="list-style-type: none"> <li>• Voltage Regulator</li> <li>• Voltage Regulator Repair Circuit</li> <li>• Rectifier</li> <li>• Rectifier Diode</li> </ul> </li> <li>- <i>Ignition Module</i></li> <li>- <i>Power Module for Electric Power Steering</i></li> </ul>	<ul style="list-style-type: none"> <li>- <i>LED Lighting</i> <ul style="list-style-type: none"> <li>• Tail Light</li> <li>• High Mount Stop Light</li> <li>• Side Turn Signal Light (within Exterior Mirror)</li> </ul> </li> <li>- <i>Electronic Dashboard</i></li> <li>- <i>Head-Up-Display(HUD)</i></li> </ul>	<ul style="list-style-type: none"> <li>- <i>Tire Pressure Monitoring System(TPMS)</i></li> <li>- <i>Pressure Sensor for</i> <ul style="list-style-type: none"> <li>• HVAC Refrigerant</li> <li>• Hydraulic Pressure</li> </ul> </li> <li>- <i>Position Sensor for</i> <ul style="list-style-type: none"> <li>• Electric Power Steering</li> <li>• Gear Box</li> </ul> </li> <li>- <i>Fuel Sender Resistor Card</i></li> </ul>	<ul style="list-style-type: none"> <li>- <i>Air Bag ECU</i></li> <li>- <i>HVAC Control Panel</i></li> <li>- <i>Engine Management System(EMS)</i> <ul style="list-style-type: none"> <li>• EMS for Motorcycle Injection Engine</li> </ul> </li> </ul>

## Main Features of USI Design

- LED Lighting - Exterior Application
  - Lead-free process
  - High Beam LED & high thermal management
  - Low Beam LED
  - Rear Combination Lamp(RCL)
  - Daytime Running Lamp
- Dashboard
  - Digital Display for Speed Meter and Odometer
  - LED for All Indicator, Warning Light and Back Lighting
  - Variable Back Lighting Adjustment Capability
  - LCD Odometer Display
  - Two Trip Meter Capability
- TPMS(Tire Pressure Monitoring System)
  - Weight < 35g for Tx(Include all accessory)
  - Over 5Years Battery Life \* 1
  - Smart transmission algorithm
  - Provide tire pressure, temperature and battery voltage information to users
  - Easy Installation and Setup
  - Frequency band: 315/434/868 MHz(FSK)
- Motor Controller - Vehicle Application
  - Engine Cooling Fan Control
  - HVAC Blower
  - Power Window
  - Electric Scooter
  - Electric Bike



# Charging System Electronics

--- Voltage Regulator & Rectifier

## - Introduction

USI has more than 20 years of experience and expertise in regulator/rectifier of car alternator system. Every part we manufacture is designed to meet or exceed customer's critical requirements with high-reliability, high-performance and advanced technology. We offer total solution, including circuit development, appearance design, product verification, manufacturing and field application support, to help customers market best quality at competitive prices.

- Full Range of Products
- Strong Engineering Support
- TS16949 Quality Certificate
- High Efficiency Manufacturing
- Proprietary ASIC Design
- Comprehensive Validation Test Program

## - Product Experience

- Voltage Regulators: Delco, Ford, Denso, Bosch, Hitachi, Mitsubishi, Valeo, Motorola, Lucas Series
- Repair Circuits: Denso, Hitachi, Mitsubishi Series
- Rectifiers: Delco, Ford, Denso, Bosch, Hitachi, Mitsubishi, Valeo, Lucas Series
- Rectifier Diodes: Delco, Ford





## - Main Product Features





- Soft Start
- Load Response Control
- High/Low Side Field Driver
- Short Circuit Protection for
  - High/Low Side Field Driver
  - Lamp Driver
  - Relay(Choke) Driver
- Phase Auto Start
- Warning Indication
- Thermal Protection







## - Main Product Specification:

- Regulation Voltage: 13.8V~15.2V
- Load Regulation: <0.2~0.5V
- Speed Regulation: <0.1~0.3V
- Temperature Coefficient: Flat~-15mV/degreeC
- Load Response Control Time: 2.5, 5, 7.5, 10 seconds





USI Part No.		Application	Replaces
71-10015 	71-10015 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L F S " Terminals * LRC 2.5 sec. * 20A MOSFET * Heavy Duty * SCP	<b>For:</b> Delco CS130 & CS144 Series IR/EF Alternators	Delco 1116408 1116428 D675 D699
71-10018 	71-10018 * 12 Volt Digital Regulator * Vsetting 14.2V * " P L I S " Terminals * LRC 2.5 sec. * Heavy Duty * Flat Temperature Compensation * SCP	<b>For:</b> Delco CS130 & CS144 Series IR/EF Alternators  <b>Automobiles:</b> GMC Trucks, RV, Industrial  <b>Fits Alternators:</b> Delco 1047979, 1101482, 1101561, 1101571, 1101605, 1101616, 1101625, 1101806, 10479852, 10479959	Delco 1116425 D683
71-10022 71-10051 	71-10022 * 12 Volt Regulator * Vsetting 14.8V * 22A MOSFET * Heavy Duty * O.E. Grade	<b>For:</b> Delco CS130 Alternators  <b>Automobiles:</b> Opel  <b>Fits Alternators:</b> Delco 10479914, 10479923, 10479947, 10479955	Delco 10475019 19009701 Magneti Marelli 940 038 030 Opel 1204270
	71-10051 * 12 Volt Regulator * Vsetting 14.8V * RFI Capacitor * 22A MOSFET * Heavy Duty * O.E. Grade		
71-10025 	71-10025 * 12 Volt Digital Regulator * Vsetting 14.8V * " L " Terminal * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Choke Protection	<b>For:</b> Delco CS121 Series IR/EF Alternators  <b>Automobiles:</b> Daewoo, Pontiac, LeMans, Opel, Suzuki  <b>Fits Alternators:</b> Delco 1101816	Delco 1116432





USI Part No.		Application	Replaces
71-10026 	71-10026 * 12 Volt Digital Regulator * Vsetting 14.8V * " L " Terminal * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Choke Protection	<b>Automobiles:</b> Opel Vauxhal  <b>Fits Alternators:</b> Delco 1101199, 1101551	Delco 1116424
71-10028 71-10041 	71-10028 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L I S " Terminals * LRC 2.5 sec. * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Protection * SCP * 1A Diode  71-10041 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L I S " Terminals * LRC 2.5 sec. * 2A Diode * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Protection	<b>For :</b> Delco CS121, CS130 & CS144 Series IR/EF Alternators	Delco 1116411 1116429 1116436 1116437 D677 D685 D698
71-10029 	71-10029 * 12 Volt Digital Regulator * Vsetting 14.2V * " P L I S " Oval Terminals * LRC 2.5 sec. * 20A MOSFET * 2A Diode * Heavy Duty * Flat Temperature Compensation * Shorted Field, Lamp Protection	<b>For:</b> Delco CS130D Series IR/IF Alternators  <b>Automobiles:</b> Chevrolet & GMC P-Series Step Van  <b>Fits Alternators:</b> Delco 10464090, 10480170	Delco 19009706
71-10030 	71-10030 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L F S " Oval Terminals * LRC 10 sec. * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Protection	<b>For:</b> Delco CS130D Series Alternators  <b>Automobiles:</b> Buick Skylark Chevrolet Cavalier Pontiac Grand-Am, Sunfire  <b>Fits Alternators:</b> Delco 10480074, 10480076, 10480079	Delco 19009705

# Delco Series

USI Part No.		Application	Replaces
71-10031 	<p style="text-align: center;">71-10031</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.8V</li> <li>* " P L F S " Terminals</li> <li>* "L" Used with Instrument Cluster</li> <li>* LRC 10 sec.</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Remote Thermistor</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Delco CS121, CS130 and CS144 Series Alternators</p>	Delco 19009712
71-10032 	<p style="text-align: center;">71-10032</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.2V</li> <li>* " P L F S " Terminals</li> <li>* "L" Used with Instrument Cluster</li> <li>* LRC 10 sec.</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Remote Thermistor</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Delco CS144 Series IR/EF Alternators</p> <p><b>Automobiles:</b> Buick Riviera Cadillac Allante</p> <p><b>Fits Alternators:</b> Delco 1048018, 1101133, 1101270, 1101330</p>	Delco 1116412 1116434 D603A D678 D684
71-10035 	<p style="text-align: center;">71-10035</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.8V</li> <li>* " P L F S " Terminals</li> <li>* "L" Used with Instrument Cluster</li> <li>* LRC 10 sec.</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>Automobiles:</b> Buick Osmobile Pontiac</p> <p><b>Fits Alternators:</b> Delco 10480055, 10480227, 10480265</p>	Delco 1116445
71-10038 71-10044 	<p style="text-align: center;">71-10038</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.6V</li> <li>* " P L I S " Oval Terminals</li> <li>* LRC 2.5 sec.</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* SCP</li> </ul>	<p><b>For:</b> Delco CS130D Series IR/IF Alternators</p> <p><b>Automobiles:</b> 94-On GM Vehicles</p> <p><b>Fits Alternators:</b> Delco 10463443, 10470119, 10479981, 10479984, 10480017, 10480052, 10480071, 10480072, 10480119 Opel 321-1008, 321-1023, 321-1025, 321-1026 ,321-1026, 321-1027, 321-1037, 321-1051</p>	Delco 19009702
	<p style="text-align: center;">71-10044</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.6V</li> <li>* " P L I S " Oval Terminals</li> <li>* LRC 2.5 sec.</li> <li>* 2A Diode</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp</li> </ul>		





USI Part No.		Application	Replaces
71-10039 	71-10039 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L I S " Terminals * LRC 2.5 sec. * 2A Diode * 20A MOSFET * Heavy Duty * High Lamp Current * Shorted Field, Lamp Protection	<b>For:</b> Delco CS121Series IR/EF Alternators  <b>Automobiles:</b> Geo Prizm Toyota Camry, Corolla  <b>Fits Alternators:</b> Delco 10479805,10480095, 10480096, 1101626, 1101584 Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200	Delco 1116440
71-10040 	71-10040 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L I S " Terminals * LRC 2.5 sec. * 2A Diode * 20A MOSFET * Heavy Duty * Finned Heat Sink * Shorted Field, Lamp Protection	<b>For:</b> Delco CS121, CS130 & CS144 Series IR/EF Alternators	Delco 1116411 1116429 1116436 1116437 D677 D685 D698
71-10046 	71-10046 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L F S " Terminals * LRC 10 sec. * 2A Diode * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Protection	<b>For:</b> Delco CS130 & CS144 Series IR/EF Alternators	Delco 1116413 1116430 D600A D681
71-10047 	71-10047 * 12 Volt Digital Regulator * Vsetting 14.6V * " P L I S " Oval Terminals * LRC 10 sec. * 2A Diode * 20A MOSFET * Heavy Duty * Shorted Field, Lamp Protection	<b>For:</b> Delco CS130D Series IR/IF Alternators  <b>Automobiles:</b> 94-On GM Vehicles  <b>Fits Alternators:</b> Delco 10480043	Delco 19009703

USI Part No.		Application	Replaces
<p>71-10048</p> 	<p>71-10048</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.8V</li> <li>* "PLIS" Terminals</li> <li>* LRC 10 sec.</li> <li>* 2A Diode</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp Choke Protection</li> </ul>	<p><b>For:</b> Delco CS144 Series IR/EF Alternators</p> <p><b>Automobiles:</b> Buick Oldsmobile Pontiac</p> <p><b>Fits Alternators:</b> Delco 10480135, 10480171</p>	<p>Delco 1116446 D602A</p>
<p>71-10050</p> 	<p>71-10050</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.8V</li> <li>* LRC 10 sec.</li> <li>* 2A Diode</li> <li>* 33A MOSFET</li> <li>* Heavy Duty</li> <li>* O. E. Grade</li> </ul>	<p><b>For:</b> Delco European CS130D Series Alternators</p> <p><b>Automobiles:</b> Opel Vauxhall</p>	<p>Delco 19009708</p>
<p>71-10054</p> 	<p>71-10054</p> <ul style="list-style-type: none"> <li>* 12 Volt Regulator</li> <li>* Vsetting 14.3V</li> <li>* 33A MOSFET</li> <li>* Heavy Duty</li> <li>* RFI Capacitor</li> <li>* O.E. Grade</li> </ul>	<p><b>Automobiles:</b> Citroen (China) VW Jetta</p>	<p>Delco JFT181, JFT182</p>
<p>71-10052</p> 	<p>71-10052</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.8V</li> <li>* Computer Terminal</li> <li>* Soft Start</li> <li>* 20A MOSFET</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Delco CS130D Series IR/IF Alternators</p> <p><b>Automobiles:</b> Acura CL3.0 Honda Accord 3.0L</p> <p><b>Fits Alternators:</b> Delco 10480228, 10480228A Honda 31100-P8A-A01, 31100-P8A-A02</p>	<p>Delco 19009715</p>





# Delco Series

USI Part No.		Application	Replaces
71-10059	71-10059 * 12 Volt Digital Regulator * Vsetting 14.3V * " L F R " Terminals * LRC 2.5 sec. * Heavy Duty * Shorted Field, Lamp Choke Protection	<b>For:</b> ASVR for European Series Alternators	Delco 19009747
71-10060	71-10060 * 12 Volt Digital Regulator * Vsetting 14.8V * " P L F S " Terminals * LRC 5 sec. * Heavy Duty * SCP * Shorted Field, Lamp Protection	<b>For:</b> Delco AD230 Series IR/EF Alternators  <b>Automobiles:</b> Chevrolet Silverado, GMC Sierra  <b>Fits Alternators:</b> Delco 1047979, 1101482, 1101561, 1101571, 1101605, 1101616, 1101625, 1101806, 10479852, 10479959	Delco 10458200 10458201
71-10027	71-10027 * 12 Volt Regulator * Vsetting 14.65V * Self Exciting	<b>Automobiles:</b> Opel Vauxhall	Delco 1116380, 1116384, 1116385, 1116387, 1116392, 1116423, DR600, DR666, DR667, DR668, DR680
71-10042	71-10042 * 12 Volt Regulator * Vsetting 14.65V	<b>Automobiles:</b> Opel Triumph Vauxhall	Delco 7934605, 7982614, 7982866 Ducellier 592980 Lucas UCB700 Opel 1204245





# Delco Series





USI Part No.		Application	Replaces
71-10001 71-10006 71-10009  	71-10001 * 12 Volt Regulator * Vsetting 14.65V * BMC(ceramic) * O.E. Grade	<b>For:</b> Delco 10SI, 12SI, 15SI, 17SI, and 27SI/Type 100, 205 Series IR/EF Alternators	Delco 1116387 1116392 1116423 DR668 DR680
	71-10006 * 12 Volt Regulator * Vsetting 14.9V		
	71-10009 * 12 Volt Regulator * Vsetting 14.65V		
71-10002 71-10034 71-10037 71-10056  	71-10002 * 24 Volt Regulator * Vsetting 28.0V * W/Webbed Terminal	<b>For:</b> Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, and 30SI Series IR/EF Alternators	Delco 1116404 1116405 1894460
	71-10034 * 24 Volt Regulator * Vsetting 27.5V * W/Webbed Terminal * O. E. Grade		
	71-10037 * 24 Volt Regulator * Vsetting 27.5V * W/Webbed Terminal		
	71-10056 * 24 Volt Regulator * Vsetting 28.0V * W/Webbed Terminal * O. E. Grade		

# Delco Series






USI Part No.		Application	Replaces
71-10003 71-10053 71-10055  	71-10003 * 12 Volt Regulator * Vsetting 14.2V * W/Webbed Terminal	<b>For:</b> Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, and 40SI Series IR/EF Alternators	Delco 1116406 1116407 1894489 D669 D672
	71-10053 * 12 Volt Regulator * Vsetting 14.2V * W/Webbed Terminal * Shorted Field Protection * O.E. Grade		
	71-10055 * 12 Volt Regulator * Vsetting 14.6V * W/Webbed Terminal * Shorted Field Protection * O.E. Grade		
71-10045  	71-10045 * 12 Volt Regulator * Vsetting 14.2V		
71-10004 71-10049  	71-10004 * 12 Volt Regulator * Vsetting 13.8V	<b>For:</b> Delco 10SI/Type 116, 27SI/Type 200, 30SI, and 40SI Series IR/EF Alternators	Delco 1116389 D669
	71-10049 * 12 Volt Regulator * Vsetting 14V		
71-10005  	71-10005 * 24 Volt Regulator * Vsetting 27.5V	<b>For:</b> Delco 10SI/Type 116, 27SI/Type 200, and 30SI Series IR/EF Alternators	Delco 1116388 1116404

# Delco Series

USI Part No.		Application	Replaces
71-10007 71-10024  	71-10007 * 12 Volt Regulator * Vsetting 14.2V * Heavy Duty * W/Webbed Terminal	<b>For:</b> Delco 20SI, 21SI, 25SI, 26SI, 30SI Series IR/EF Alternators  <b>Fits Alternators:</b> Delco 1117880, 1117890, 1117894, 1117925	Delco 1116433 1116435 1116442
	71-10024 * 12 Volt Regulator * Vsetting 14.6V * Heavy Duty * W/Webbed Terminal		
71-10008  	71-10008 * 12 Volt Regulator * Vsetting 14.65V	<b>For:</b> Delco 12SI, 17SI Series IR/EF Alternators  <b>Automobiles:</b> Agriculture, Industrial & Marine Application	Delco 1988988 1116409 D674 D668
71-10013  	71-10013 * 12 Volt Regulator * Vsetting 14.0V * Heavy Duty * Flat Temperature Compensation	<b>For:</b> Delco 21SI Series IR/EF Alternators	Delco 1116441 D691
71-10014  	71-10014 * 12 Volt Regulator * Vsetting 14.2V * Heavy Duty * Flat Temperature Compensation	<b>For:</b> Delco 21SI Series IR/EF Alternators  <b>Fits Alternators:</b> Delco 1117880, 1117890, 1117894, 1117925	Delco 1116438 1116439

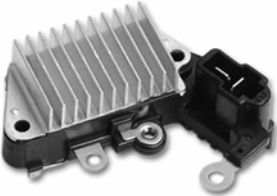
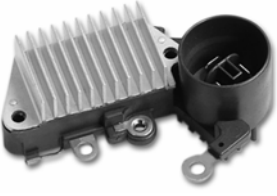



USI Part No.		Application	Replaces
71-20001 71-20009 	71-20001 * 12 Volt Regulator * Vsetting 14.7V * " I S A " Terminals * Heavy Duty * Shorted Field Protection	<b>For:</b> Ford 2G Series IR/EF Alternators  <b>Automobiles:</b> Ford Mustang, Taurus, Mercury Sable 3.0L, 3.8L  <b>Fits Alternators:</b> Ford FD3U-10300-CA, F4DU-10300-CA, F4DU-10300-DA, GL310	Ford E43F-10316-AA, E43Z-10316-A, E43Z-10316-B, E63F-10316-AA, E63F-10316-BB, E6TZ-10316-A, E73Z-10316-A Motorcraft GR-784, GR-784B
	71-20009 * 12 Volt Regulator * Vsetting 14.7V * " I S A " Terminals * Shorted Field Protection		
71-20002 71-20010 	71-20002 * 12 Volt Regulator * Vsetting 14.7V * " I S A " Terminals * Heavy Duty * Shorted Field Protection	<b>For:</b> Ford 3G Series IR/IF Alternators  <b>Automobiles:</b> Ford Escort, Explorer, Taurus, Tempo, Thunderbird, Lincoln Town Car, Continental, Mercury Cougar, Sable, Topaz, Tracer  <b>Fits Alternators:</b> Ford F07F-10300-AA, F0CF-10300-AA, F0DF-10300-AA, F0DZ-BC-921030-B, F1VY-10346-B, F6PZ-10346-B	Ford EIDU-10316-A, E73F-10316-A, E9DZ-10316-A, E9DF-10316-AA, F0DZ-10316-A Motorcraft GR-794A, GR-798, GR-801
	71-20010 * 12 Volt Regulator * Vsetting 14.7V * " I S A " Terminals * Shorted Field Protection		
71-20004 	71-20004 * 12 Volt Regulator * Vsetting 14.6V * " I D A " Terminals * LRC 5 sec. * Heavy Duty * Shorted Field, Lamp Protection	<b>For:</b> Ford 4G Series IR/IF Alternators  <b>Automobiles:</b> Ford Lincoln, Continental  <b>Fits Alternators:</b> Ford F6DU-10300-BB, F6DU-10300-DB, F56DU-10300-DB, F50U-10300-FA	Ford F50U-10316-A Motorcraft GR-815
71-20005 	71-20005 * 12 Volt Integral Regulator * Vsetting 14.6V * " I S A " Terminals * Heavy Duty * Shorted Field Protection	<b>For:</b> Ford 3G Series IR/IF Alternators  <b>Automobiles:</b> Ford Crown Victoria w/Police option Lincoln Town Car  <b>Fits Alternators:</b> Ford F3AU-10300CA	Ford F3AZ-10316-A F3AZ-10346-A F3RU-10316-AA Motorcraft GR-811

# Ford Series

USI Part No.		Application	Replaces
<p>71-20006</p> 	<p>71-20006</p> <ul style="list-style-type: none"> <li>* 12 Volt Regulator</li> <li>* Vsetting 14.4V</li> <li>* " I S A " Terminals</li> <li>* LRC 5 sec.</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Ford 3G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Contour Mercury Mystique</p> <p><b>Fits Alternators:</b> Ford 94BB-10300-AE, F4PU-10300-AA, F5RU-10300-BA, F6AZ-103004</p>	<p>Ford F5RZ-10316-A Motorcraft GR-818</p>
<p>71-20007</p> 	<p>71-20007</p> <ul style="list-style-type: none"> <li>* 12 Volt Regulator</li> <li>* Vsetting 14.6V</li> <li>* " I D A " Terminals</li> <li>* Heavy Duty</li> <li>* Shorted Field Protection</li> </ul>	<p><b>For:</b> Ford 4G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Crown Victoria, Explorer, F Series Trucks, Mustang &amp; Lincoln Mark VIII</p> <p><b>Fits Alternators:</b> Ford F6LU-10300-CA, F6ZU-10300-BC, F77U-10300-AB</p>	<p>Ford F6DU-10C359-AA F6DY-10316-A Motorcraft GR-817</p>
<p>71-20008</p> 	<p>71-20008</p> <ul style="list-style-type: none"> <li>* 12 Volt Regulator</li> <li>* Vsetting 14.6V</li> <li>* " I S A " Terminals</li> <li>* LRC 5 sec.</li> <li>* Heavy Duty</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Ford 3G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Mustang, Taurus, Windstar, Mercury, Sable 3.0L, 3.8L</p> <p><b>Fits Alternators:</b> Ford FD3U-10300-CA, F4DU-10300-BA, F4DU-10300-CA, F4DU-10300-DA, F58U-10300-AB, GL310</p>	<p>Ford F4ZZ-10316-A Motorcraft GR-814</p>
<p>71-20011</p> 	<p>71-20011</p> <ul style="list-style-type: none"> <li>* 12 Volt Regulator</li> <li>* Vsetting 14.4V</li> <li>* " B D L " Terminals</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Crown Victoria, Lincoln Mercury, F81Z-10346-CA, F81Z-10346-DA, F81Z-10346-EA, F81Z-10346-GA, F8AU-10300-AC, F8AZ-10346-AB</p>	<p>Ford F8WU-10C359-AB</p>
<p>71-20015</p> 	<p>71-20015</p> <ul style="list-style-type: none"> <li>* 12 Volt Digital Regulator</li> <li>* Vsetting 14.4V</li> <li>* " A L F R " Terminals</li> <li>* LRC 5 sec</li> <li>* Shorted Field, Lamp Protection</li> </ul>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Contour, Mercury Mystique 2.0L, Escape 3.0L, Taurus, Mercury Sable 3.0L, Mercury Cougar 2.0L, 2.5L</p> <p><b>Fits Alternators:</b> Ford 1L8Z-10346-CB, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-AA, XS8Z-10346-BB, XS91-10300-BB, YC1U-10346-DA, YF1U-10300-FA, YF1Z-10346-FA</p>	<p>Ford XS7U-10C359-AC, XS7U-10C359-BA</p>



# Denso Series


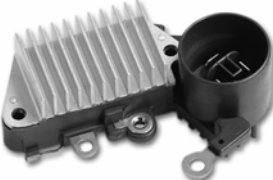
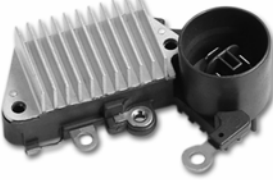
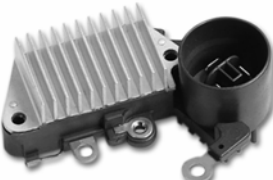
USI Part No.		Application	Replaces
71-30001	71-30001 * 12 Volt Regulator * Vsetting 14.5V * "IG L" Terminals * Shorted Field Protection * O.E. Approved 	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Daihatsu Charadi Toyota Forklift & other Industry  <b>Fits Alternators:</b> Denso 100211-1550, 100211-1650, 100211-1660, 100211-1670, 100211-1680, 100211-4000 Ishikawajima 18504-6220	Denso 126000-0600 126000-0970 Toyota 27700-78301
71-30002	71-30002 * 12 Volt Regulator * Vsetting 14.5V * "D I G L" Terminals * Shorted Field Protection * O.E. Approved 	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> GM Metro Suzuki Sidekick Pontiac Firefly (Canada Only)  <b>Fits Alternators:</b> Denso 100211-1550, 100211-1570, 100211-4070, 100211-6720, 100211-6990 Suzuki 31400-60840, 31400-86010, 31400-86510	Denso 126000-0720 126000-0721 126000-1330
71-30003	71-30003 * 12 Volt Regulator * Vsetting 14.6V * "S I G L" Terminals * Sense Loss Indication * Soft Start * Shorted Field, Lamp, Choke Protection Repair Circuits 72-30003 	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Chevrolet Sprint Honda Accord, Civic Toyota Celica, Corona, Camry, Corolla  <b>Fits Alternators:</b> Denso 100211-1000, 100211-1040, 100211-1050, 10021-1060, ... see cross reference Honda 31100-PD1-014, 31100-PD1-024, 31100-PD2-004, .... see cross reference Toyota 27060-10010, 27060-10011, 27060-13090, 27060-15040, ... see cross reference	Denso 126000-0340, 126000-0400, 126000-0510, 126000-0650, 126000-0700, 126000-0731, 126000-1190 Honda 31150-PD1-004, 31150-PD2-004 Toyota 27700-63020, 27700-63021, 27700-72040, 27700-72070
71-30004	71-30004 * 12 Volt Regulator * Vsetting 14.6V * "S I G F R L" Terminals * Sense Loss Indication * Soft Start * Shorted Field, Lamp, Choke Protection Repair Circuits 72-30004 	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Acura Legend Honda Accord  <b>Fits Alternators:</b> Denso 100211-2010, 100211-2140, 10211-2550, 10211-3310, 100211-6150, 10211-6170, 10211-7070, 10211-7500, 10211-7810 Honda 31100-PD6-014, 31100-PH7-013, 31100-PH7-024, 31100-PJ0-663, 31100-PK2-004, 31100-PP8-004, C1K-46	Denso 126000-0540 126000-1060 126000-1170 Honda 31150-PD6-004 31150-PD6-014
71-30005	71-30005 * 12 Volt Regulator * Vsetting 14.6V * "C I G F R L" Terminals * Shorted Field, Lamp, Choke Protection Repair Circuits 72-30005 	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Acura Honda Accord, Civic  <b>Fits Alternators:</b> Denso 100211-3590, 100211-3660, 100211-3690, 100211-8150, 100211-8550, 100211-8710, 10211-8750, 100211-8770 Honda CHA-50, 31100-PT3-A51, 31100-PT3-A52, 31100-PM5-A01, 31100-PM8-A01, 31100-PM8-A03	Denso 126000-0940 126000-1030

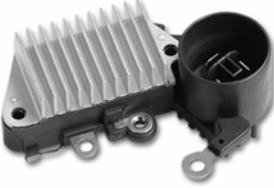


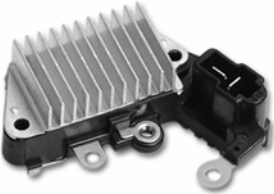

USI Part No.		Application	Replaces
71-30006 	71-30006 * 12 Volt Regulator * Vsetting 14.9V * " C I G L F R " Terminals * Shorted Field, Lamp, Choke Protection Repair Circuits 72-30006	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Honda Prelude SI 2.2L  <b>Fits Alternators:</b> Denso 100211-8740, 101211-5480, 101211-5850, 101211-5890 Honda 31100-P13-0130, 31100-P13-0133, 31100-P39-0030, CJP-75	Denso 126000-1410 126000-1700
71-30007 71-30021 	71-30007 * 12 Volt Regulator * Vsetting 14.6V * " D I G L " Terminals * Shorted Field, Lamp, Choke Protection * Function Exceeds O.E.  71-30021 * 12 Volt Regulator * Vsetting 14.6V * " D I G L " Terminals	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Chevy Spectrum Isuzu I-Mark Honda Civic  <b>Fits Alternators:</b> Denso 100211-1270, 100211-1271, 100211-1331, 100211-1371, 100211-1380 Suzuki 31400-82611 GM 94137345	Denso 126000-0430 Honda 31150-PE0-003 Isuzu 8-94139-012-0
71-30008 	71-30008 * 12 Volt Regulator * Vsetting 14.6V * " S I G L " Terminals * Sense Loss Indication * Soft Start * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Geo Prizm 1.6L Toyota Celica, Corolla 1.6L, Cressida, Camry, Lexus LS250  <b>Fits Alternators:</b> Denso 100211-3050, 100211-3240, 100211-3390, ... see cross reference Toyota 27060-03010, 27060-10011, 27060-11020, 27060-11030, .... see cross reference	Denso 126000-1400 126000-1530
71-30009 	71-30009 * 12 Volt Regulator * Vsetting 14.6V * " D I G L F R " Terminals * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Acura Integra Honda Civic  <b>Fits Alternators:</b> Denso 100211-1350, 100211-1351, 100211-1370, 100211-7330 Honda 31100-PE7-660, 31100-PE7-661, 31100-PG7-013	Denso 126000-0570 Honda 31150-PE7-661
71-30010 	71-30010 * 12 Volt Regulator * Vsetting 14.6V * " D I G L " Terminals * LRC 10 sec. * Soft Start * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Isuzu Stylus 1.6L Geo Storm 1.6L  <b>Fits Alternators:</b> Denso 100211-0160, 100211-7952, 100211-7990, 100211-8530, 100211-8680, 100211-8980, Isuzu 8-94023-652-0, 8-97063-812-1	Denso 126000-1200 Isuzu 8-97032091-0


USI Part No.		Application	Replaces
71-30011 	71-30011 * 12 Volt Regulator * Vsetting 14.6V * " C I G L " Terminals * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Isuzu I-Mark Honda Civic  <b>Fits Alternators:</b> Denso 100211-1260, 100211-2210, 100211-3720 Honda 31100-PE1-663, 31100-PE0-924 Isuzu 8-94325-845-0	Denso 126000-0440 Honda 31100-PE0-921
71-30012 	71-30012 * 12 Volt Regulator * Vsetting 14.6V * " D I G L " Terminals * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Isuzu I-Mark Honda Civic  <b>Fits Alternators:</b> Denso 100211-1400, 100211-1411 Suzuki 32500-82610	Denso 126000-0410 126000-0411 126000-0470 Suzuki 32500-82610
71-30013 	71-30013 * 12 Volt Regulator * Vsetting 14.5V * " C F R I G L " Terminals * Shorted Field Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Acura Integra Honda Civic  <b>Fits Alternators:</b> Denso 126000-2090	Denso 126000-2090
71-30014 	71-30014 * 12 Volt Regulator * Vsetting 14.6V * " S I G L " Terminals * LRC 7.5 sec. * Soft Start * Sense Loss Indication * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Tercel 1.5L W/MT  <b>Fits Alternators:</b> Denso 101244-2130 Toyota 27060-11250	Denso 126000-1630 Toyota 27700-11060
71-30015 	71-30015 * 12 Volt Regulator * Vsetting 14.5V * " P I G L " Terminals * Shorted Field Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Acura Integra Honda Civic  <b>Fits Alternators:</b> Denso 101211-2310 Caterpillar 105-2812	Denso 126000-1800

# Denso Series

USI Part No.		Application	Replaces
71-30016	71-30016 * 12 Volt Regulator * Vsetting 14.6V * " S I G L " Terminals * Sense Loss Indication * Soft Start * Shorted Field, Lamp, Choke Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Tercel, Paseo 1.5L, Camry 2.2L, Landcruiser 4.5L  <b>Fits Alternators:</b> Denso 101211-0120, 101211-0190, 101211-0340, ... see cross reference Delco 10480095, 10480096 Toyota 27060-02070, 27060-11270, 27060-11280, ... see cross reference	Denso 126000-1730 126000-1750 Toyota 27700-11070 27700-66040
71-30017	71-30017 * 12 Volt Regulator * Vsetting 14.6V * " S I G L " Terminals * LRC 7.5 sec. * Sense Loss Indication * Soft Start * Shorted Field, Lamp, Protection  Repair Circuits 72-30017	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Camry 2.2L 70A, MR2, Paseo W/O Heatshield  <b>Fits Alternators:</b> Denso 100211-6460, 100211-6480, 101211-0050, ... see cross reference Toyota 27060-11281, 27060-15080, 27060-15090, ... see cross reference	Denso 126000-1580 126000-1640 126000-1670 Toyota 27700-35040 27700-74030
71-30018	71-30018 * 12 Volt Regulator * Vsetting 14.0V * " S I G L " Terminals * Sense Loss Indication * Shorted Field, Lamp, Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Pick-up 3.0L, T-1000 3.0L  <b>Fits Alternators:</b> Denso 101211-0130 Toyota 27060-65040	Denso 126000-7100
71-30019	71-30019 * 24 Volt Regulator * Vsetting 28.0V * " S I G L " Terminals * Sense Loss Indication * Shorted Field, Lamp, Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Coaster Diesel  <b>Fits Alternators:</b> Denso 100211-6240, 100211-6250, 100211-6260, 100211-6270 Toyota 27060-17120, 27060-58150, 27060-58230, 27060-58250	Denso 126000-7120 27700-58040
71-30020	71-30020 * 12 Volt Regulator * Vsetting 14.5V * " P I G L " Terminals * Shorted Field Protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Caterpillar Yanmar  <b>Fits Alternators:</b> Denso 101211-9010, 101211-9940	Denso 126000-1940

USI Part No.		Application	Replaces
71-30022 71-30026 	71-30022 * 24 Volt Regulator * Vsetting 28.0V * " S I G L " Terminals * Sense loss indication * Shorted field, lamp protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Dyna 200 Toyota Bus, Landcruiser  <b>Fits Alternators:</b> Denso 100211-7370, 100211-7850	Denso 126000-7010
	71-30026 * 12 Volt Regulator * Vsetting 14.6V * " S I G L " Terminals * Soft start * Sense loss indication * Shorted field, lamp protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Celica, MR2 W/Opt. 100A  <b>Fits Alternators:</b> Denso 10021-6110, 100211-6180, 100211-7470, 100211-7780,... see cross reference Toyota 27060-46010, 27060-62050, 27060-65030, 27060-74090, 27060-74170, 27060-74180, ... see cross reference	Denso 126000-0610 126000-1110 Toyota 27700-74010
71-30023 	71-30023 * 12 Volt Regulator * Vsetting 14.5V * " S I G L " Terminals * LRC 7.5 sec * Soft start * Sense loss indication * Shorted field, lamp protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Toyota Celica, MR2  <b>Alternators:</b> Denso 100211-5360, 100211-6180, 100211-6300, 100211-6330, 100211-6340, 100211-6360, 100211-7910, 100211-7930 Toyota 27060-03011, 27060-74210, 27060-74330	Denso 126000-1260
71-30024 	71-30024 * 12 Volt Regulator * Vsetting 14.5V * " D I G L " Terminals * Shorted field, lamp choke protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> GM Imports Isuzu I-Maik Geo Spectrum  <b>Fits Alternators:</b> Denso 100211-4130, 100211-4260, 100211-6270, 100211-6600 Suzuki 31400-60840 Isuzu 8-94449-781-0	Denso 126000-0850 126000-0880 126000-1200 126000-1370
71-30025 	71-30025 * 12 Volt Regulator * Vsetting 14.5V * " S I G L " Terminals * Soft start * Sense loss indication * Shorted field, lamp choke protection	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Daihatsu Charade Toyota Tercel with Transverse Engine  <b>Fits Alternators:</b> Denso 100211-1560, 100211-4170, 100211-4350, 100211-6870 Toyota 27060-10071 Daihatsu 27060-87706-000	Denso 126000-0550 126000-0980


USI Part No.		Application	Replaces
71-30027 	71-30027 * 12 Volt Regulator * Vsetting 14.7V * " D I G L " Terminals * Shorted Field Protection * RFI Capacitor * O.E. Grade * O.E. Approved	<b>For:</b> Denso IR/IF Alternators  <b>Automobiles:</b> Dyna 200 Toyota Bus, Landcruiser  <b>Alternators:</b> Denso 100211-7370, 100211-7850	Denso 126000-2550
71-30028 	71-30028 * 12 Volt Regulator * Vsetting 14.55V * " D I G L " Terminals * Soft start * Sense loss indication * Shorted field, lamp protection * O.E. Grade		
71-30029 	71-30029 * 12 Volt Regulator * Vsetting 14.55V * " D I G L " Terminals * Soft start * Sense loss indication * Shorted field, lamp protection * O.E. Grade		
71-30030 	71-30030 * 24 Volt Regulator * Vsetting 28.0V * " I G L " Terminals * Shorted field, lamp protection		
71-30031 	71-30031 * 12 Volt Regulator * Vsetting 14.55V * " D I G L " Terminals * Soft start * Sense loss indication * Shorted field, lamp protection * O.E. Grade		



USI Part No.		Application	Replaces
<p>71-40001</p> 	<p>71-40001</p> <p>* 12 Volt Regulator * Vsetting 14.5V * 32mm Slip Ring * T.C.=-4mv/°c</p>	<p><b>For:</b> Bosch IR/EF Alternators</p> <p><b>Automobiles:</b> Agricull Trattori Vari Aifo Various Models Alfa Romeo Alfa 6, Alfasud, Alfetta, Alfetta TD, Giulietta, Giulietta TD Audi 100/200/50/80/ 90, RO 80 Autobianchi A 112 Bedford Various Models BMW 316/318/320/518/520/ 523/528/ 530/630/633, K 110/ K 100RS, K 100 RT Carraro Trattori Vari Cesab Various Models DAF 44/46 Fendt Various Models Ferrari Various Models Fiat 124/125/127/128 /131/131D/132/132D/238</p>	<p>Bosch 0 192 052 001, 0 192 052 002, 0 192 052 004, 0 192 052 005, ... see cross reference Audi/VW 028 903 803A, 049 903 803B, 049 903 803E, 049 903 803F, ... see cross reference BMW 1231 1286 073 Fiat 4 474 755, 4 475 296, 4 475 653, 9 927 829, 9 933 186, 9 934 791, 82 302 913 Iskra 11 125 003, 10 120 110 Magneti Marelli 648 000 07, 648 080 00/10/11/ 12, RTT110A/AB/ABT Mercedes Benz 002 154 0606, 002 154 1806, 002 154 2506 ... see cross reference</p>
<p>71-40007</p> 	<p>71-40007</p> <p>* 12 Volt Regulator * Vsetting 14.5V * 32mm Slip Ring * T.C.=-4mv/°c</p>	<p><b>Fits Alternators:</b> Bosch 0 120 339 526/527/528, 0 120 489 293 /309/475/501/519/521/523/532/534/544/550/556/582/587/588/590/602/608/609/610/615/620/621/622/627/628/629/630/641/642/649/650/651/652/655/657/660/683/685/686/687/688/711/ ... see cross reference</p>	<p>11 125 003, 10 120 110 Magneti Marelli 648 000 07, 648 080 00/10/11/ 12, RTT110A/AB/ABT Mercedes Benz 002 154 0606, 002 154 1806, 002 154 2506 ... see cross reference</p>
<p>71-40002</p> 	<p>71-40002</p> <p>* 12 Volt Regulator * Vsetting 14.5V * 28 mm Slip Ring * Brass Terminals * T.C.=-2mv/°c</p>	<p><b>For:</b> Bosch IR/EF Alternators</p> <p><b>Automobiles:</b> Valvo VW Mercedes SAAB Audi 80 1.3/1.6, 100 Diesel, Coupe 1.6/1.9 BMW 316/ 231, 5201, 7281 Fiat Ford Opel</p> <p><b>Fits Alternators:</b> Bosch 0 120 468 001/002/004/005/017/025/026, 0 120 469 522, ... see cross reference</p>	<p>Bosch 1 192 052 015/016/020/021/024/ 025/027/029, 1 197 311 004/005/ /006/008/010/011/012/ 013/021 Alfa Romeo 116.1005.060.11 Audi/VW 068 903 803 BMW 1231 1726 002 Fiat 9942885 Lucas 21221349, UCB403 Porsche 944 603 14100, 944 603 14101</p>
<p>71-40003 71-40010</p> 	<p>71-40003</p> <p>* 12 Volt Regulator * Vsetting 14.4V * W/120 ohm Resistor * 28mm Slip Ring * Brass Terminals * T.C.=-11mv/°c</p> <p>71-40010</p> <p>* 12 Volt Regulator * Vsetting 14.1V * W/120 ohm Resistor * 28mm Slip Ring * T.C.=-6mv/°C</p>	<p><b>For:</b> Bosch IR/EF Alternators</p> <p><b>Automobiles:</b> Audi 100, 100 D, 100DT, 200, 200 TD, 4000, 4000 D, 4000 TD Citroen BX, BX D, C15, C15D, VISA, VISA D Hyundai Pony/Stellar Mercedes 0309, 190, 190D, 190E, 200, 200D, 200TD, 209D, 240, 240D, 240 TD, 250D Peugeot 205, 205 D, 350, 305 D, 309, 309 D, 405, 504, 504 D, 504 TD, 505 Saab 900, 9001, 900, TURBO 9000, 99 Seat Ibiza, Ronda, Talbot, Horizon, Horizon D, Ranch/Samba VW Derby, Golf, Golf D, Golf GTD, Jetta D</p> <p><b>Fits Alternators:</b> Bosch 0 120 468 009/010/011/015/016/035/ 036/045/ ... see cross reference</p>	<p>Bosch 1 197 311 003, 1 197 311 007, 1 197 311 008, 1 197 311 009, 1 197 311 022, 1 197 311 023, 1 197 311 050 Audi/VW 068 903 803A BMW 1711391, 1231 1279 548, 1232 1271 644, 1232 1711 399 Mercedes-Benz 002 154 4106, 002 154 5106, 002 154 7206 Saab 857 1846, 859 0549 Volvo/DAF 1324617</p>



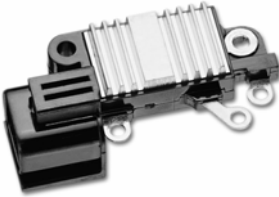

USI Part No.		Application	Replaces
71-40004	71-40004 * 24 Volt Regulator * Vsetting 28.7V * 32mm Slip Ring * T.C.=+7mv/°c	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> Aifo Various Models Fiat 100 F13, 100 NC, 110 NC, 130 NC, 150 NC, 170, 170 NC, 190 F20, 300 PC, 300 PT, 40 NC, 50 F10, 50 F8, 50 NC, 55 F9, 55NC, 65 F10, 65 F10, 65 NC, 70 NC, 75 NC, 75 NC, 80 F13, 80 NC, 90 F13, 90 NC, Fiatallis Lamborghini Magirus Deutz Volvo VW  <b>Fits Alternators:</b> Bosch 0 120 339 537, 0 120 339 538, 0 120 469 509, 0 120 489 481/638/639/661/682/793/794/795/ ... see cross reference	Bosch 0 192 053 001, 0 192 053 002, 0 192 053 004, 0 192 053 007, 0 192 053 008, 0 192 053 027 Fiat 4 701 484, 9 988 935, 79 022 473 Iskra 11 125 004, 11 125 055, AER1403, AER1507 Lucas 21221125, 21221348, UCB402 Magirus Deutz 0 470 1484 Magneti Marelli 648 000 07 Motorola 9RC8090 Valeo 505059, NB412 Valvo/DAF 244426
71-40005 71-40008 71-40009	71-40005 * 12 Volt Regulator * Vsetting 14.2V * 32mm Slip Ring * Brass Terminals * T.C.= -7mv/°c	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> AgricuLL Trattorivari Aifo Various Models Alfa Romeo Alfa 6, Alfasud, Alfetta, Alfetta TD, Giulietta, Giulietta TD Audi 100, 200, 50, 80, 90, RO80 Autobianchi A 112, A 112 Abarth BEDFord Various Models BMW 316, 318, 320, 518, 520, 525, 528, 530, 630, 633, K 100, K 100 RS, K 100 RT Carraro Trattori Vari Cesab Various Models DAF 44/46 Fendt Various Models Ferrari Various Models Fiat 124, 125, 127, 128, 131, 131 D, 132, 132 D, 238, Argenta D, Campagnola D, Daily 28, Daily 30	Bosch 0 192 052 001, 0 192 052 002, 0 192 052 004, 0 192 052 005, 0 192 052 006, 0 192 052 008, 0 192 052 011... see cross reference Audi/VW 028 903 803A, 049 903 03B ...see cross reference BMW 1231 1286 073 Iskra 11 125 003 Lucas 01221152, 21221347, 21221373, 21931009, UCB400 Mercedes-Benz 002 154 0606, 002 154 1806, 002 154 2506, 002 154 5806 Motorola 505 055, 505 55, 9RC7062...see cross reference
	71-40008 * 12 Volt Regulator * Vsetting 14.1V * 32mm Slip Ring * T.C.= -8mv/°c	<b>Fits Alternators:</b> Bosch 0 120 339 515/516/521/533, 0 120 469 500/501/ 502/503/504/505/513 /514/ 515/..... see cross reference	
	71-40009 * 12 Volt Regulator * Vsetting 14.5V * 32mm Slip Ring * Brass Terminals * T.C.= -7mv/°c		
71-40006	71-40006 *28 Volt. Regulator *Vsetting 28.4V *Brass Terminal *T.C.= -14mV/°C	<b>For:</b> Bosch IR/EF Alternators  <b>Fits Alternators:</b> Bosch 0 120 468 053, 0 120 468 054 0 120 468 107..... see cross reference	Bosch 1 197 311 300, 1 197 311 301 1 197 311 305, 1 197 311 306 1 197 311 307, 1 197 311 318 2 197 311 301 Fiat 8198422 Ford 6094906, 82DB-10316-AA DB10-316-AA Lucas 21221408, UCB 410 Magirus-Deutz 79074715, 93158421 Magneti Marelli 940 038 018 Man 81 256016014, 81 256016016 ... see cross reference

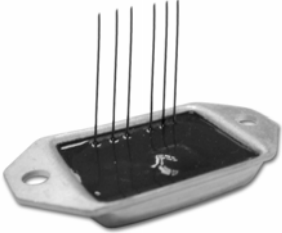




USI Part No.		Application	Replaces
71-40011	71-40011 * 28 Volt Regulator * Vsetting 28.6V * 28mm Slip Ring * T.C.= -14mv/°c	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> DAF Fiat Mercedes Scania Volvo Truck Application  <b>Fits Alternators:</b> Bosch 0 120 460 527, 0 120 468 037, 0 120 469 519/520/521/580/ ... see cross reference	Bosch 0 192 053 005, 0 192 053 006, 0 192 053 011, 0 192 053 013, 0 192 053 016, 0 192 053 017, 0 192 053 018, 0 192 053 022, 0 192 053 023, 1 197 311 304 Iskra 11 125 095, AER1520 Lucas 21931011, UCB404 Man 81.25601.6024 Mercedes-Benz 002 154 3806, 002 154 3906, 002 154 4706, 002 154 4906
71-40012	71-40012 * 12 Volt Regulator * Vsetting 14.5V * 28mm Slip Ring * Brass Terminals * T.C.= -7mv/°c	<b>For:</b> Bosch IR/EF Alternators  <b>Fits Alternators:</b> Bosch 0 120 468 026/027, 0 120 469 800/802/809/810/910/922/924, 0 120 484 005/ 006/008/009/010/013/014, 0 120 488 119/157/159/ 161/163/165/167/169/171/173/175/187/ 191/193/201/202/203/204, 0 120 489 480/483/484	Bosch 1 197 311 026, 1 197 311 027, 1 197 311 028, 1 197 311 035, 1 197 311 038, 1 197 311 040, 9 191 337 303 Audi/VW 034 903 803, 068 903 803D Ford 86GB-10316-AA GM 90349704, 90349907 Mercedes-Benz 002 154 7906 Opel 1204256, 1204259
71-40013	71-40013 * 12 Volt Regulator * Vsetting 14.5V * 28mm Slip Ring	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> AMC Alfa-Romeo Audi BMW Chrysler Dodge Deutz Fiat Ford Fiesta Iveco Jaguar Lancia Mercedes-Benz Mercury Capri Merkur Plymouth Pontiac Porsche SAME VW Volvo White-GMC Truck Yugo  <b>Fits Alternators:</b> Bosch 0 120 339 514, 0 120 339 515, 0 120 339 516, 0 120 339 521, 0 120 339 531, 0 120 339 532, 0 120 339 533, 0 120 339 544, 0 120 339 545, 0 120 339 547, 0 120 468 001, 0 120 468 002, 0 120 468 003/... see cross reference, 0 120 484 004, 0 120 484 005, 0 120 484 012, 0 120 488 102, 0 120 488 103, 0 120 488 219, 0 120 488 220, 0 120 489 002, 0 120 489 003, 0 120 489 004/... see cross reference	Bosch 0 192 052 024, 0 192 052 025, 0 192 052 027, 1 197 311 012, 1 197 311 021, 1 197 311 026, 1 197 311 027, 1 197 311 028, 1 197 311 037, 1 197 311 038, 1 197 311 040, 1 197 311 090, Audi/VW 068 903 803 Iskra 11 125 094, AER1519
71-40014	71-40014 * 12 Volt Regulator * Vsetting 14.8V * W/120 ohm Resistor * 28mm Slip Ring * T.C.= -11mv/°c	<b>For:</b> Bosch IR/EF Alternators  <b>Fits Alternator:</b> Bosch 0 120 488 215, 0 120 489 476	Bosch 1 197 311 018 1 197 311 039 Megneti Marelli 940 038 015


USI Part No.		Application	Replaces
71-40017 	71-40017 * 24 Volt Regulator * Vsetting 28.3V * 28mm Slip Ring * T.C.= $-10\text{mv}/^{\circ}\text{c}$	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> Saab Scania  <b>Fits Alternator:</b> Bosch 0 120 144 112/115/116/ ... see cross reference	Bosch 0 192 053 005, 0 192 053 006, 0 192 053 011, 0 192 053 013, 0 192 053 016, 0 192 053 017, 0 192 053 018, 0 192 053 022, 0 192 053 023 Iskra 11 125 095, AER1520 Lucas 21931011, UCB404 Man 81.25601.6024 Mercedes-Benz 002 154 3806, 002 154 3906, 002 154 4706, 002 154 4906
71-40018 	71-40018 * 24 Volt Regulator * Vsetting 28.8V * 28mm Slip Ring * T.C.= $-10\text{mv}/^{\circ}\text{c}$	<b>For:</b> Bosch IR/EF Alternators  <b>Fits Alternator:</b> Bosch 0 120 469 523/798/807	Bosch 0 192 053 019
71-40019 	71-40019 * 12 Volt Regulator * Vsetting 14.1V * 28mm Slip Ring * Brass Terminals * T.C.= $-6\text{mv}/^{\circ}\text{c}$	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> IHC Iveco KHD Mercedes  <b>Fits Alternators:</b> Bosch 0 120 468 065, 0 120 468 066, 0 120 469 549, ... see cross reference	Bosch 1 197 311 301 1 197 311 304 1 197 311 310 Mercedes-Benz 002 154 8406
71-40020 	71-40020 * 28 Volt. Regulator * Vsetting 28.4V * Brass Terminal * T.C.= $-14\text{mV}/^{\circ}\text{C}$	<b>For:</b> Bosch IR/EF Alternators  <b>Automobiles:</b> Alfa Romeo, Audi, Chrysler, Porsche, Volvo, VW  <b>Fits Alternators:</b> Bosch 0 120 339 547, 0 120 468 001, 0 120 468 002, ... see cross reference	Alfa Romeo 116.1005.060.08 116.1005.060.11 119.1305.060.00 119.1305.060.23 705.6848.000.00 Audi/VW 068 903 803 068 903 803B J2700004010 BMW 1231 1726 002 Bosch 1 192 052 015, 1 192 052 016 1 192 052 020, 1 192 052 021 1 192 052 024, 1 192 052 025 1 192 052 027, 1 192 052 029 1 197 311 004, 1 197 311 005 ...see cross reference

USI Part No.		Application	Replaces
<p>71-40021</p> 	<p>71-40021</p> <p>* 28 Volt Regulator * Vsetting 28.0V * OE Grade * T.C.=<math>-14\text{mv}/^{\circ}\text{c}</math></p>	<p><b>For:</b> Bosch IR/EF Alternators</p> <p><b>Automobiles:</b> IHC Iveco KHD Mercedes</p> <p><b>Fits Alternators:</b> Bosch 0 120 468 065, 0 120 468 066, 0 120 469 549, ... see cross reference</p>	<p>Bosch 1 197 311 301 1 197 311 304 1 197 311 310 Mercedes-Benz 002 154 8406</p>
<p>71-40022</p> 	<p>71-40022</p> <p>* 14 Volt Regulator * Vsetting 14.7V * T.C.=<math>-2\text{mv}/^{\circ}\text{c}</math></p>	<p><b>For:</b> Bosch IR/EF Alternators</p> <p><b>Automobiles:</b> Valvo VW Mercedes SAAB Audi 80 1.3/1.6, 100 Diesel, Coupe 1.6/1.9 BMW 316/ 231, 5201, 7281 Fiat Ford Opel</p> <p><b>Fits Alternators:</b> Bosch 0 120 468 001/002/004/005/017/ 025/026, 0 120 469 522, ... see cross reference</p>	<p>Bosch 1 192 052 015/016/020/021/024/ 025/027/029, 1 197 311 004/005/006/008/010/011/012/ 013/021 Alfa Romeo 116.1005.060.11 Audi/VW 068 903 803 BMW 1231 1726 002 Fiat 9942885 Lucas 21221349, UCB403 Porsche 944 603 14100, 944 603 14101</p>



USI Part No.		Application	Replaces
<p>71-50002</p> 	<p>71-50002</p> <p>* 12 Volt Regulator * Vsetting 14.4V</p>	<p><b>For:</b> Hitachi IR/IF Alternators</p> <p><b>Automobiles:</b> Nissan Pathfinder 3.0L, Stanza 2.4L, Sentra 2.0L</p> <p><b>Fits Alternators:</b> Hitachi LR160-723, LR170-734, LR170-739, LR180-725 Nissan 23100-12G02, 23100-64J00, 23100-80G08, 23100-88G00</p>	<p>Hitachi L180-8315 Nissan 23215-64J00</p>
<p>71-50003</p> 	<p>71-50003</p> <p>* 12 Volt Regulator * Vsetting 14.25V</p>	<p><b>For:</b> Hitachi IR/IF Alternators</p> <p><b>Automobiles:</b> Nissan</p> <p><b>Fits Alternators:</b> Hitachi LR160-724, LR160-727, LR170-739B, LR180-725, LR180-725B, LR180-725C, LR180-725E, LR180-734B, LR180-734C, LR180-736B Nissan 23100-64J01</p>	<p>Hitachi L180G-5340 Nissan 23215-64J00</p>
<p>71-50004</p> 	<p>71-50004</p> <p>* 12 Volt Regulator * Vsetting 14.25V</p>	<p><b>For:</b> Hitachi IR/IF Alternators</p> <p><b>Automobiles:</b> Nissan</p> <p><b>Fits Alternators:</b> Hitachi LR165-708C, LR170-738C, LR170-744, LR180-731B, LR190-715B Nissan 23100-0E700, 23100-0E705, 23100-85L00, 23100-86L00</p>	<p>Hitachi L180G-2340 Nissan 23215-85L00</p>
<p>71-50005</p> 	<p>71-50005</p> <p>* 12 Volt Regulator * Vsetting 14.4V</p>	<p><b>For:</b> Hitachi IR/IF Alternators</p> <p><b>Automobiles:</b> Nissan Pulsar &amp; Sentra</p> <p><b>Fits Alternators:</b> Hitachi LR165-708B, LR170-738, LR170-738B, LR180-730 Nissan 23100-0E700, 23100-0E705, 23100-50Y05</p>	<p>Hitachi L170-33152 Nissan 23215-50Y05</p>

USI Part No.		Application	Replaces
71-50008 71-50011 71-50013  	71-50008 * 12 Volt Regulator * Vsetting 14.4V	<b>For:</b> Hitachi IR/IF Alternators  <b>Automobiles:</b> Isuzu P'up Diesel Nissan Maxima Diesel, Sentra, Pickup  <b>Fits Alternators:</b> Hitachi LR140-130B, LR140-130P, LR140-131, LR140-131B, LR140-138, LR150-55B, LR150-133, LR150-133B, ... see cross reference Isuzu 8-94155-308-5, 8-94155-309-5, 8-94234-987-2/3/... see cross reference	Hitachi TR1Z-43, TR1Z-53, TR1Z-62, TR1Z-64 Nissan 23125-W1700, 23125-W1701
	71-50011 * 12 Volt Regulator * Vsetting 14.7V * O.E. Grade		
	71-50013 * Vsetting 14.7V		
71-50009  	71-50009 * 24 Volt Regulator * Vsetting 28.3V	<b>For:</b> Hitachi IR/IF Alternators  <b>Automobiles:</b> Isuzu Nissan Nanmar Industrial  <b>Fits Alternators:</b> Hitachi LR215-50, LR220-23, LR220-24	Hitachi TR2Z-47 Isuzu 5-81251-016-0 Nissan 23500-99008
71-50012  	71-50012 * 24 Volt Regulator * Vsetting 28.4V * O.E. Grade		Hitachi TRIZ-49



# Mitsubishi Series

USI Part No.		Application	Replaces
71-60007 71-60010  	71-60007  * 12 Volt Regulator * Vsetting 14.5 V * " R L " Terminals	<b>Automobiles:</b> Chrysler Hyundai Mazda Mitsubishi  <b>Fits Alternators:</b> Ford E8GY-10346-A, E8GY-10346-B, E9BZ-10346-A Hyundai 37300-21013, 37300-21320, 37900-21030 Mando AR160A Mazda B359-18-300, B655-18-300, ...	Mitsubishi A866X04872, A866X05471, A866X05472, E35618W70 Mitsubishi Motors MD611032, MD611146 Hyundai 37370-21200 Magneti Marelli 940 038 085 Mazda E358-18-W70, FE65-24-520, FE79-24-520 Nissan 23125-P0410
	71-60010  * 12 Volt Regulator * Vsetting 14.5 V * " R L " Terminals * OE Approved	see cross reference Mitsubishi A1T01991, A1T40391, A1T40491, ... see cross reference Mitsubishi Motors MD069978, MD073067, MD074644, MD074645, MD074992, MD082419	

# Valeo Series

USI Part No.		Application	Replaces
71-80001 	71-80001 * 12 Volt Regulator * Vsetting 14.4V	<b>Automobiles:</b> Audi, BMW  <b>Fits Alternators:</b> Paris Rhone A11VI110, A11VI111, A11VI117, A11VI118, A11VI122, A11VI123, A11VI125, A11VI191, A13VI10, A13VI48, A13VI49, A13VI54, A13VI67, A13VI69, A13VI70	Valeo 593131 Audi/VW 028 903 803F 078 903 803A 078 903 803B Lucas 2131049, UCB245 Magneti Marelli 940 038 186 Mercedes Benz 002 154 9106 Motorola 9RC2054 Peugeot 5761.9 5761.87
71-80002 	71-80002 * 12 Volt Regulator * Vsetting 14.7V	<b>Automobiles:</b> Audi BMW  <b>Fits Alternators:</b> Paris Rhone A11VI140, A11VI11, A11VI16, A11VI21, A13VI31, A13VI48, A13VI70	Valeo 2521335, 2541433 Audi/VW 028 903 803F 078 903 803A 078 903 803B Lucas 2131049, UCB245 Magneti Marelli 940 038 186 Mercedes Benz 002 154 9106 Motorola 9RC2054 Peugeot 5761.87

# Motorola Series

USI Part No.		Application	Replaces	
71-90001 71-90006 	71-90001 * 24 Volt Regulator * Vsetting 28.2V * Shorted Field Protection		Motorola 9RC3114	
	71-90006 * 24 Volt Regulator * Vsetting 28.5V * Shorted Field Protection			
71-90002 71-90005 71-90009 71-90007 71-90008 	71-90002 * 12 Volt Regulator * Vsetting 14.2V		Motorola 9RC2103	
	71-90005 * 24 Volt Regulator * Vsetting 28.0V			Motorola 9RC3118
	71-90009 * 24 Volt Regulator * Vsetting 28.35V			
	71-90007 * 12 Volt Regulator * Vsetting 14.55V			Motorola 9RC2106
	71-90008 * 12 Volt Regulator * Vsetting 14.7V			

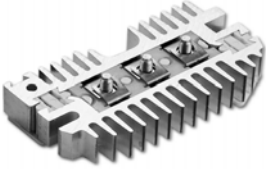




*Lucas Series*

USI Part No.		Application	Replaces
71-00001	71-00001 * 12 Volt Regulator * Vsetting 14.4V	<b>Automobiles:</b> Ford j.i. Case Massey Ferguson Tractors & Perkin  <b>Fits Alternators:</b> Lucas 24145, 24156, 24157, 24158, 24161, 24169, 24198, 24199, 24200, 24203, 24206, 24207, 24208	Lucas 37701, 37703, 37705, 37707, 54048473, 54205986, 54206177, 54206448, 54206467, 54206645, 54207336, UCB148, UCBI48X, UCB150, UCB150X, UCB151, UCB151X Ford 6133746, B4AB-10316-AA Magneti Marelli 940 038 133 Motocraft EGR356 Valeo A554711A






# Delco Series

USI Part No.		Application	Replaces
<p>73-10001</p> 	<p>73-10001</p> <ul style="list-style-type: none"> <li>* 25 Amp Diodes</li> <li>* Aluminum Heat Sink</li> <li>* Air-Ventilation Tunnel Built in for Trio Cooling</li> <li>* O. E. Grade</li> </ul>	<p><b>For:</b> Delco 10SI Series Alternators</p> <p><b>Fits Alternators:</b> Delco 1852209, 1875621, 1875627, 1971987, D3913, D3915</p>	<p>Delco 1852209 1875627 1891055 1984638 D3915</p>
<p>73-10004</p> 	<p>73-10004</p> <ul style="list-style-type: none"> <li>* 35 Amp Diodes</li> <li>* With Diode Trio</li> <li>* Including Stud</li> <li>* O. E. Grade RFI Capacitor</li> </ul>	<p><b>For:</b> Delco European CS130D Series Alternators</p> <p><b>Fits Alternators:</b> Delco 10479914, 10479923, 10479947, 10479955</p>	<p>Delco 10475034 589714 Opel 1205464</p>
<p>73-10005 73-10008</p> 	<p>73-10005</p> <ul style="list-style-type: none"> <li>* 35 Amp Diodes</li> <li>* 6 Avalanche Press Fit Diodes</li> <li>* O. E. Grade RFI Capacitor</li> </ul>	<p><b>For:</b> Delco CS121, CS130 Series Alternators</p>	<p>Delco 1989658 10456401 10457236 10457690 10470730 10472597 D3991</p>
	<p>73-10008</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 6 Avalanche Press Fit Diodes</li> <li>* O. E. Grade RFI Capacitor</li> </ul>		

# Delco Series

USI Part No.		Application	Replaces
<p>73-10006 73-10009</p> 	<p>73-10006</p> <ul style="list-style-type: none"> <li>* 35 Amp Diodes</li> <li>* 6 Avalanche Press Fit Diodes</li> <li>* Including Stud</li> <li>* O. E. Grade RFI Capacitor</li> </ul>	<p><b>For:</b> Delco CS130D Series Alternators</p> <p><b>Automobiles:</b> GM Pontiac (1994-1997), Buick(1994-1997), Oldsmobile(1994-1997), Chevrolet(1994-1997), Chevy Light Truck &amp; Vans(1994-1997)</p>	<p>Delco 10475758</p>
	<p>73-10009</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 6 Avalanche Press Fit Diodes</li> <li>* Including Stud</li> <li>* O. E. Grade RFI Capacitor</li> </ul>		
<p>73-10007</p> 	<p>73-10007</p> <ul style="list-style-type: none"> <li>* 35 Amp Diodes</li> <li>* 6 Avalanche Press Fit Diodes</li> <li>* O. E. Grade RFI Capacitor</li> </ul>	<p><b>For:</b> Delco CS121D Series Alternators</p> <p><b>Automobiles:</b> Saturn</p> <p><b>Fits Alternators:</b> Delco 21023969, 21024727</p>	<p>Delco 10492300</p>
<p>73-10010</p> 	<p>73-10010</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* Press Fit Diode</li> </ul>	<p><b>For:</b> Delco AD237, AD244 Series IR/IF Alternators</p> <p><b>Fits Alternators:</b> Delco 10480234, 10480244, 10480303, 10480327, 10480341, 10480357, 10480368, 10480390, 10480414, 10480428, 15062413, 15750871, 15768830, 15769253</p>	<p>Delco 10494503</p>
<p>73-10011</p> 	<p>73-10011</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* Press Fit Diode</li> </ul>	<p><b>For:</b> Delco AD230 Series IR/IF Alternators</p> <p><b>Fits Alternators:</b> Delco 10480229, 10480241, 10480326, 10480388, 10480411, 15768829, 15769252</p>	

# Delco Series

USI Part No.		Application	Replaces
<p>73-10014</p> 	<p>73-10014</p> <ul style="list-style-type: none"> <li>* 25 Amp Diodes</li> <li>* 6 Button Diodes</li> <li>* Aluminum Heat Sink</li> <li>* Air Ventilation Tunnel</li> <li>Built in for Trio Cooling</li> </ul>	<p><b>For:</b> DR 15SI Series Alternators</p> <p><b>Automobiles:</b> GM Vehicles</p> <p><b>Fits Alternators:</b> Delco 10479925, 10479930, 10497083 1100183, 1100184, 1100187 1100190, 1100192, 1100193</p>	<p>Delco 1975313 1985313 D3913 D3919</p>
<p>73-10015</p> 	<p>73-10015</p> <ul style="list-style-type: none"> <li>* 25 Amp Diodes</li> <li>* 6 Button Diodes</li> <li>* Aluminum Heat Sink</li> <li>* Air Ventilation Tunnel</li> <li>Built in for Trio Cooling</li> </ul>	<p><b>For:</b> DR 12SI Series Alternators</p> <p><b>Automobiles:</b> GM Vehicles, Agricultural, Industrial</p> <p><b>Fits Alternators:</b> Delco 10479850, 1100159, 1100200 1100203, 1100204, 1100205 1100206, 1100207, 1100208</p>	<p>Delco 1984454 D3924</p>
<p>73-10016</p> 	<p>73-10016</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 3 Avalanche Jumbo Diodes</li> <li>* 3 Non- Avalanche Jumbo Diodes</li> <li>* Aluminum Heat Sink</li> <li>* Air Ventilation Tunnel</li> <li>Built in for Trio Cooling</li> </ul>	<p><b>For:</b> DR Gull- Wing Series Alternators</p> <p><b>Automobiles:</b> GM P Series Step-up Van, Chevy Corvette, Buick Regal, Cadillac, Chevy Blazer, CK-Series Trucks, GMC Suburban</p> <p><b>Fits Alternators:</b> Delco 10459036, 10480121, 1101325 1105656, 1105683, 1117242, 1117882 1117888, 1117914</p>	<p>Delco 10467052 D3990</p>



# Ford Series

USI Part No.		Application	Replaces
<p>73-20002</p> 	<p>73-20002</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* Nickel Plated Copper Heat Sink</li> <li>* Long-Life</li> </ul>	<p><b>For:</b> Ford 2G Series Alternators</p>	<p>Ford E6DZ-10304 E6DZ-10304-A Motorcraft GY-1360</p>
<p>73-20003 73-20004</p> 	<p>73-20003</p> <ul style="list-style-type: none"> <li>* 35 Amp Diodes</li> <li>* 8 Press Fit Diodes</li> </ul>	<p><b>For:</b> Ford 3G Series Alternators</p> <p><b>Automobiles:</b> Ford Mercury cars and trucks 1990-97, Mazda Navajo</p>	<p>Ford F1TZ-10346-B F5AZ-10304-BA</p>
	<p>73-20004</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 8 Press Fit Diodes</li> </ul>	<p><b>For:</b> Ford 3G Series Alternators</p> <p><b>Automobiles:</b> Ford Mercury cars and trucks(1990-97)</p>	<p>Ford F2UZ-10346-B F5AZ-10304-AA</p>
<p>73-20005</p> 	<p>73-20005</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 8 Press Fit Diode</li> </ul>	<p><b>For:</b> Ford 4G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford, Lincoln, Mercury</p> <p><b>Fits Alternators:</b> Ford F5OU-10300-FA, F6DU-10300-BB, F6OU-10300-AA, F6LU-10300-CA, F6ZU-10300-BB, F68U-10300-AS, F77U-10300-AB, Motorola GL331</p>	
<p>73-20006</p> 	<p>73-20006</p> <ul style="list-style-type: none"> <li>* 50 Amp Diodes</li> <li>* 8 Press Fit Diode</li> </ul>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Fits Alternators:</b> Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB, XF2U-10300-BC, XF2Z-10346-BA</p>	



# Ford Series

USI Part No.		Application	Replaces
<p><b>73-20007</b></p> 	<p>73-20007</p> <p>* 50 Amp Diodes * 8 Press Fit Diode</p>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Fits Alternators:</b> Ford 98AB-10300-FC, 98AZ-10346-FA, F81U-10300-BC, F81U-10300-CC, F81U-10300-DB, F81U-10300-DC, F81U-10300-EB, F81U-10300-GA, F81Z-10346-BA, F81Z-10346-CA, F81Z-10346-DA, F81Z-10346-EA, F81Z-10346-GA, XF2U-10300-AB, XF2Z-10346-AA, XR3U-10300-AA, XR3Z-10346-AA</p>	
<p><b>73-20008</b></p> 	<p>73-20008</p> <p>* 50 Amp Diodes * 8 Press Fit Diode</p>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Fits Alternators:</b> Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC</p>	
<p><b>73-20013</b></p> 	<p>73-20013</p> <p>* 50 Amp Diodes * 8 Press Fit Diode</p>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford, Crown Victoria, Mercury, Lincoln Continental</p> <p><b>Fits Alternators:</b> Ford 3W1U-10300-BB, 3W1Z-10346-BARM F8AU-10300-AB, F8AU-10300-AD F8AZ-10346-AB, F8AZ-10346-ABRM F8ZU-10300-AC, XF2U-10300-BC XF2U-10300-BD, XF2Z-10346-BA XF2Z10346-BARM</p>	<p>Ford F8AU-10A366-AAIP</p>

# Ford Series





USI Part No.		Application	Replaces
<p>73-20014</p> 	<p>73-20014</p> <p>* 50 Amp Diodes * 8 Press Fit Diode</p>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Windstar, Mustang</p> <p><b>Fits Alternators:</b> Ford 1S41-10300-BB, 4C3Z-10346-AA 98AB-10300-FC, 98AZ-10346-FA F81U-10300-BA, F81U-10300-BC F81U-10300-CC, F81U-10300-CD F81U-10300-DB</p>	<p>Ford F8WU-10A366-AAIP</p>
<p>73-20015</p> 	<p>73-20015</p> <p>* 50 Amp Diodes * 8 Press Fit Diode</p>	<p><b>For:</b> Ford 6G Series IR/IF Alternators</p> <p><b>Automobiles:</b> Ford Contour, Mercury Cougar, Mystique</p> <p><b>Fits Alternators:</b> Ford 98AB-10300-EB, 98AZ-10346-EA 98BB-10300-CC, A8ZU-10300-AC F8AU-10300-AC, F8RZ-10346-CC GL456, XS8Z-10346-BB, XS8Z-10346-BBRM, XS91-10300-BB, XS91-10300-BC</p>	<p>Ford F8RU-10A366-CAIP</p>

# Denso Series



USI Part No.		Application	Replaces
73-30002	73-30002 * 25 Amp Diodes * Dish Diodes * OD 100mm 	<b>For:</b> Denso 60-75 Amp IR/IF Alternators  <b>Automobiles:</b> Acura Geo Honda Isuzu Toyota Sterling  <b>Fits Alternators:</b> Denso 100211-1000/1001/1002/... see cross reference Honda 31100-PD2-024, 31100-PD6-014, 31100-PH1-014, 31100-PH7-004, 31100-PK1-004, 31100-PK2-004 Isuzu 8-94131-357-2, 8-94408-674-0	Denso 021580-2160, 021580-2230 Honda 31127-PD-20140 Isuzu 8-94160-638-0 Magneti Marelli 940 038 277 Toyota 27060-72010, 27357-63020
73-30003	73-30003 * 25 Amp Diodes * Dish Diodes * OD 90mm 	<b>For:</b> Denso 50-60 Amp IR/IF Alternators  <b>Automobiles:</b> 1984-1992 Acura, Daihatsu, Honda, Toyota  <b>Fits Alternators:</b> Denso 100211-1270, 100211-1360, 100211-1410, Honda 31100-PE0-003, Isuzu 8-94413-621-0 Toyota 27060-15040	Denso 021580-2250







# Hitachi Series

USI Part No.		Application	Replaces
<p>73-50001</p> 	<p>73-50001</p> <ul style="list-style-type: none"> <li>* 20 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* With Diode Trio</li> <li>* Copper Heat Sink</li> <li>* OD 118mm</li> </ul>	<p><b>For:</b> Hitachi 60 Amp IR/EF Alternators</p> <p><b>Automobiles:</b> Hino Truck Isuzu Truck</p> <p><b>Fits Alternators:</b> Hitachi LR160-422B, LR170-404, LR170-404B, LR170-418B</p>	<p>Hitachi L160-23202, L160-43202 Nissan 23245-V7200</p>
<p>73-50002</p> 	<p>73-50002</p> <ul style="list-style-type: none"> <li>* 20 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* Aluminum Heat Sink</li> <li>* OD 111mm</li> </ul>	<p><b>For:</b> Hitachi 40 Amp Heavy Duty ER/EF Alternators</p> <p><b>Automobiles:</b> IHC Nissan Diesel Isuzu Diesel</p> <p><b>Fits Alternators:</b> Hitachi LT140-105, LT140-106C, LT140-107E, LT150-57E, LT155-08C, LT155-09C, LT225-54B, LT225-60C Nissan 23099-C6806, 23099-U3402, 23099-V0603, 23099-Y7511, 23099-31W06, 23099-31W08</p>	<p>Hitachi L150M-13201 L150M-13202 L155M-13202 Lucas 21511101 Nissan 23137-Y7502 23137-Y7503</p>
<p>73-50003</p> 	<p>73-50003</p> <ul style="list-style-type: none"> <li>* 20 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* With Diode Trio</li> <li>* Copper Heat Sink</li> <li>* OD 118mm</li> </ul>	<p><b>For:</b> Hitachi 50-70 Amp ER/EF, IR/EF Alternators</p> <p><b>Automobiles:</b> Datsun(1978-85) Subaru(1979-84)</p> <p><b>Fits Alternators:</b> Hitachi LR150-62, LR150-64, LR150-515, LR150-515C</p>	<p>Hitachi L150-13203, LR150-13230, L160-3320 Lucas 21511102, UBJ106 Magneti Marelli 940 038 253 Nissan 23230-06500, 23230-P4505, 23230-Q4601 Subaru 49534-7101</p>
<p>73-50007</p> 	<p>73-50007</p> <ul style="list-style-type: none"> <li>* 25 Amp Diodes</li> <li>* 6 Button Diodes</li> <li>* Aluminum Heat Sink</li> </ul>	<p><b>For:</b> Hitachi 15-50 Amp ER/EF Alternators</p> <p><b>Automobiles:</b> Datsun/Nissan(1969-78) Isuzu Subaru(1970-81) Yanmar Forklifts Chevy Imports</p> <p><b>Fits Alternators:</b> Hitachi LR135-30, LR135-35, LR135-73, LT150-03, LR150-05, LR150-10, LR150-21, LR150-22, LR150-23, LR150-26, LT115-52, LT120-05, LT135-17, LT135-26, LT135-30, LT135-35C, LT135-68, LT135-73, LT150-10, LT150-10B, LT150-21, LT150-22B, LT150-23B, LT150-26, LT150-26B Isuzu 5-81200-084-0, 5-81200-114-0, 8-94206-081-0 Nissan 23100-61700, 23100-77A00, 23100-77A10, 23100-80210, 23100-80W00, 23100-H7203, 23100-L1802, 23100-P0102, 23100-P0111, 23100-P0112, 23100-P4502, 23100-Q4500, 23100-U0103, 23100-U5802 Subaru 32990-53300 Yanmar 124756-77210</p>	<p>Hitachi L125-6320, L125-8320, L140-6320, L140-7320, L140-9320, L160-13201 Isuzu 5-81200-084-0, 5-81200-114-0, 5-81218-001-0, 5-81218-021-0, 5-81218-022-0, 8-94206-081-0, 9-82231-619-0 Lucas 21511125, UBJ102 Nissan 23230-H0300, 23230-U0100, 23232-B8000, 23232-E6601, 23232-H6200, 23232-N3300, 23232-U0102 Subaru 31441-00808</p>

# Hitachi Series

USI Part No.		Application	Replaces
<p><b>73-50008</b></p> 	<p>73-50008</p> <ul style="list-style-type: none"> <li>* 20 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* With Diode Trio</li> <li>* Aluminum Heat Sink</li> <li>* OD 111mm</li> </ul>	<p><b>For:</b> Hitachi 50-60 Amp IR/EF Alternators <b>Automobiles:</b> Nissan Diesel (Europe)</p> <p><b>Fits Alternators:</b> Hitachi LR140-130P, LR150-139P, LR150-401, LR150-401C, LR150-402, LR150-402C, LR150-403, LR155-16B, LR160-401, LR160-401C</p>	<p>Hitachi L140-13202, L140-53202, L150-83201, L150-83202, L160-4320</p> <p>Isuzu 8-94167-411-0</p> <p>Lucas 21511107, UBJ169</p> <p>Magneti Marelli 940 038 250</p> <p>Nissan 23232-09W01, 23232-10G01, 23232-16A00, 23232-18A00, 23232-18G00, 23232-V6601</p>
<p><b>73-50009</b></p> 	<p>73-50009</p> <ul style="list-style-type: none"> <li>* 20 Amp Diodes</li> <li>* 6 Dish Diodes</li> <li>* With Diode Trio</li> <li>* Copper Heat Sink</li> <li>* OD 118mm</li> </ul>	<p><b>For:</b> Hitachi 60 Amp IR/EF Alternators</p> <p><b>Automobiles:</b> Nissan(1981-83), Fork Lift SD25 (1981→) Isuzu Aska(1983→) Maxima Diesel</p> <p><b>Fits Alternators:</b> Hitachi LR160-67G, LR160-67H, LR160-92C, LR160-96, LR160-96B, LR160-96C, LR160-97B, LR160-97C</p>	<p>Hitachi L160-23201</p> <p>Isuzu 8-94116-432-0</p> <p>Lucas UBJ104</p> <p>Magneti Marelli 940 038 251</p> <p>Nissan 23232-W1705</p>

# Mitsubishis Series

USI Part No.		Application	Replaces
<p>73-60001</p>  <p>Reference Only</p>	<p>73-60001</p> <p>* 30 Amp Diodes * 100 mm Mounting Dimensions</p>	<p><b>Automobiles:</b> Mitsubishi Van &amp; Wagon, Dodge Eagle, Chrysler Imports</p> <p><b>Fits Alternators:</b> Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB, XF2U-10300-BC, XF2Z-10346-BA</p>	<p>Mitsubishi A860T23070, A860T28070 Mitsubishi Motors MD611564, MD611678</p>
<p>73-60002</p>  <p>Reference Only</p>	<p>73-60002</p> <p>* 30 Amp Diodes * 85 mm Mounting Dimensions</p>	<p><b>Automobiles:</b> Ford Tempo, Taurus, Mercury Topaz, Sable</p> <p><b>Fits Alternators:</b> Ford F83F-10300-AA, F83F-10300-AB, E83F-10300-BA, E83Z-10346-A Mitsubishi A3T0159MA, A3T1598MA</p>	<p>Mitsubishi A860T28670 Ford E8PZ-10301B</p>
<p>73-60003</p>  <p>Reference Only</p>	<p>73-60003</p> <p>* 30 Amp Diodes * 75 mm Mounting Dimensions</p>	<p><b>Automobiles:</b> Mazda T626, MX-6, Ford Probe, Hyundai, Dodge</p> <p><b>Fits Alternators:</b> Ford E8GY-10346-C, E8GY-10346-D, E92Z-10346-A, Mazda B675-18-300A, B675-18-300B, F202-18-300, F225-18-300, F262-18-300, F881-18-300A, F8B1-18-300B, F8B1-18-300A, Mitsubishi A2T05772, A2T05892, A2T09493, Mondo AB175015, AB175019</p>	<p>Mitsubishi A860T27170 Ford E8GY-10304B, E92Z-10304A Mazda B675-18-W60, F8B1-18-W60</p>
<p>73-60004</p>  <p>Reference Only</p>	<p>73-60004</p> <p>* 30 Amp Diodes * 75 mm Mounting Dimensions</p>	<p><b>Automobiles:</b> Chrysler Laser, Ford, Mitsubishi Starion</p> <p><b>Fits Alternators:</b> Ford E8GY-10346-B, Mazda B655-18-300A Mitsubishi A2T03072, A2T03892, A2T09792, A2T49972, A2T49977, Mitsubishi Motors MD106508, MD106713, MD108305, MD125569, MD117156</p>	<p>Mitsubishi A860T17770 Mitsubishi Motors MD611307</p>


# Ignition Module

## GM Series

USI Part No.		Application	Replaces
70-10001	70-10001 Magnetic Pick-up	Alfa Romeo Alfa 33 1.3, 1.5, 1.7, 4x4 1983→ Alfa 75 1.6, 1.8, 2.0 1985→ Alfa 90 1.8, 2.0 1984→ Alfasud 1.3, 1.5, Ti 1982-84 Alfetta 1.6, 1.8, 2.0 1982-87 Giulietta 1.3, 1.6, 1.8, 2.0 1982-85 Gtv 2.0 1982→ Austin Rover 3500 V8, vitesse (sd1) 1983-84 Fiat Croma 2.0 CHT 1986→ Regata 100S IE 1585cc 1985→ Fso (Polski-Fiat) 1300, 1500, pick-up 1985→ Polonez 1500 IE, prima (5 speed) 1983→ Polonez 1600 IE 1987→ Lancia Dalta 1300 1983→ Dalta 1500 1979-86 ... see cross reference	Delco D1906 Amc 8131941 Fairchild SH4240, SH4418 Fiat 4419628 GM 9348922 Lancia 82369531 Lucas DAB125 Magneti Marelli 648 330 10, 940 038 521, BKL1A Motorola AM2, GM1 Opel 830931, 1875990 Peugeot 5927.89 Renault 7701021955
70-10004	70-10004 Magnetic Pick-up	GM Buick 2.8L-W Eng. 1985→ Cdaiillac 2.8L-W Eng. 1985-86 Chevrolet 2.8L-S Eng. (Camaro) 1986-89 Chevrolet 2.8L-W Eng. 1985-86 Chevrolet 4.3L-Z Eng. 1985 Pontiac 2.8L-9 Eng. (Fiero) W/Dist. 1985 1103633	Delco D1979 GM 1987465 1987466
70-10006 70-10007	70-10006 Electronics	<b>Automobiles:</b> Opel Astra, Corsa, Tigra	GM 10487489
	70-10007 Electronics	<b>Automobiles:</b> Opel Astra, Corsa, Tigra, Pontiac 2.0 (U.S.A. & Canada)	GM 10488354

# Ignition Module

## Ford Series

USI Part No.		Application	Replaces
<p>70-20002</p> 	<p>70-20002</p> <p>9-pin Magnetic Pick-up</p>	<p>Ford</p> <p>Granada 2.0i Injection 1985-86</p> <p>Granada 2.4i, 2.9i, Scorpio 1987→</p> <p>Granada 2.8i, Scorpio 1985-87</p> <p>Scorpio 2.0i Injection Scorpio 2.4i 1987→</p> <p>Scorpio 2.0i Injection Scorpio 2.9i 1987→</p> <p>Scorpio 2.8i Injection 1985-87</p> <p>Sierra 2.0i Injection 1987→</p> <p>Sierra XR4x4 (4 WD) 1987→</p> <p>Falcon XF, EA 1985-86</p>	<p>Ford</p> <p>1629456, E43ZP-12Z297-A, E5RF-12A297-BA</p> <p>Bosch</p> <p>9220 067 031</p> <p>Lucas</p> <p>DAB750</p> <p>Motorcraft</p> <p>DY-425, EDY7</p> <p>Magneti Marelli</p> <p>940 038 542</p>
	<p>O. E. Grade</p>		


# Ignition Module

## Bosch Series

USI Part No.		Application	Replaces
70-40001	70-40001 7-pin Hall	Audi 80 1.3, 1.6 1980→ 80 GLE, GTE 1.6 K-Jetronic 1980-82 80 1.8 1983→ 80 Sport 1.8 K-Jetronic, GTE 1982→ 80 1.9 1981-84 80 2.0 CD 1984-85 80 Quattro 2.0 2.2 1984-85 80 2.2-5E, Quattro 1981-84 80 5+5 (Australia) 1980→ 90 CD 2.0 1984→ 90 Quattro 2.2, 2.2 E 1984→ 100 1.6; Avant 1980-82 100 1.8 1982→ 100 1.9 1980→ 100 2.2-5E, 5S, CS, CD 1980-84 100 2.2 Injection 1984→ 100 2.2 Quattro Injection 1984→ 200 2.2-5E. Automatic 1980-84 ... see cross reference	Bosch 0 227 100 100, 0 227 100 101, 0 227 100 103, 0 227 100 104, 0 227 100 118, 0 227 100 137, 0 227 100 138, 0 227 100 139, 0 227 200 005, 0 227 022 008, 1 127 010 004, 1 127 022 008, 1 227 010 001 Audi/VW 211 905 351D BMW 1214 1244 089, 1214 1244 191, 1214 1244 477 Lucas DAB400 Magneti Marelli 648 330 32, 940 038 500, BKL3C Volvo/DAF 1 317 809, 1 389 939, ...see cross reference
70-40002	70-40002 7 pin Magnetic Pick-up	Alfa Romeo Alfa 33 1.3, 1.5, 1.7, 4*4 1983→ BMW 315 1981-84 316 1.8 1980-84 318i 1981→ 318i(USA) 1979→ 320 6 Cyl 1980-82 320i 1.8(USA) 1979-82 320i 6 Cyl 1982→ 323i 1980-85 518 1980-84 ... see cross reference	Bosch 0 227 100 102, 0 227 100 111, 0 227 100 112, 0 227 100 123, 0 227 100 148 BMW 1214 1273 217, 1214 1266 702, 1214 1273 298, 1214 1274 698 Peugeot 5945.02, 5945.03, 5945.24, 5945.25, 5945.31, 5945.33, 5945.39, 5945.48, 544 0 3549, 544 0 3575, ... see cross reference
70-40003	70-40003 7 pin Amplifier	Peugeot Porsche Volvo VW	1988-89 1985-91 1989-93 1992-93 Bosch 0 227 100 200 BMW 1214 1461 441
70-40004	70-40004 7 pin Amplifier	Peugeot Porsche Volvo VW	1988-89 1985-91 1989-93 1992-93 Bosch 0 227 100 204 Citroen 96 073 612 80


# Ignition Module

## Bosch Series

USI Part No.		Application	Replaces
70-40005	70-40005	Citroen XM 3.0i 1989→	Bosch 0 227 100 124
	7 pin (1 Dummy) Amplifer	Ford Orion 1.6i CVH FILC (cat) 1986-90	1 227 010 003 1 227 010 005
		Opel Ascona C 1.6 (Eng. 16N OHC II) 1983-88	1 227 010 006 1 227 010 039
		Ascona C 1.6S (Eng. 16SH OSC) 1983-86	Citroen 96 048 070 80
		Ascona C 1.8E (Eng. 18E OHC II) 1983-86	GM 90006499
		Ascona C 1.8E (Eng. C18NE OHC II) 1985-86	Lucas DAB405
		Corsa 1.4 (Eng. 14NV OHC I) 1990→	Magneti Marelli 940 038 508
		Kadett 1.4 (Eng. 14NV OHC I) 1990-91	Opel 1208243
		Kadett 1.6S (Eng. 16SH OHC) 1983-84	SAAB 750 3600
		Kadett 1.6S (Eng. 16SH OHC I) 1984-86	Valeo 245536
		Kadett 1.8 GSi (Eng. 18E OHC II) 1984-86	2595025
		Kadett 1.8 GSi (Eng. C18 NE OHC II) 1985-86	Volvo 1 332 584
		Kadett 1.8E, GTE (Eng. 18E OHC) 1984-86	
		Kadett 1.8i (Eng. 18E OHC II) 1985-86	
		Kadett 1.8i (Eng. C18 NE OHC II) 1983-84	
		Kadett D 1.8E 1984-86	
		Monza 2.2i (Eng. 22E) 1984-86	
		Monza 2.5i (Eng. 25E CIH) 1985-86	
		Monza 3.0i (Eng. C30 NE) 1983-86	
		Monza 3.0i (Eng. C30E CIH) 1987→	
		Omega 3.0 (Eng. 30NE CIH) 1987→	
		Omega 3.0i Caravan (Eng. 30 NE CIH) 1985-86	
		Rekord 1.8i (Eng. C18 NV OHC) 1984-86	
		Rekord 1.8S (Eng. S18 SOHC) 1984-86	
		Rekord 2.2i (Eng. 22E CIH) 1984-87	
		Senator 2.2i (Eng. 22E)	

# Ignition Module

## Hitachi Series

USI Part No.		Application	Replaces
<p>70-50001</p> 	70-50001	Nissan	Honda
	Magnetic Pick-up	310 1982→	30120-PA0-661
		Pulsar 1983-86	GM
		Sentra 1982-86	9424 3344
		Honda	Isuzu
		Civic 1.3L 1986-87	8942433440
		Civic 1.5L 1986-87	Nissan
		Hitachi Equipped w/Carb 1980-88	22020-15M00
		Subaru	22020-15M20
		1.8L Egn. AT 1984-88	Subaru
		1.8L Egn. 4 W.D. 1981-83 & 86	49146 7401
		Brat Dist. Nol. 429878900 1985-88	
		Brat A.T. 1984-85	
		GM	
		1.9L Egn. S10, S15 1982-85	
		Isuzu	
		Pick-Up 2.3L (4 ZDI) Egn. 1986-87	
	Trooper II 1986-87		





**USI® Universal Scientific Industrial Co., Ltd.**

141, Lane 351, Taiping Road, Sec. 1, Tsao Tuen,  
 Nan-Tou, Taiwan  
 TEL:886-49-2350876, 2325876  
 FAX:886-49-2329561  
 Website:<http://www.usi.com.tw>  
 E-mail:[cd\\_bd@ms.usi.com.tw](mailto:cd_bd@ms.usi.com.tw)