

MACK

DE VENEZUELA



DEPARTAMENTO DE POSTVENTA

El Venezolano

INFORMACION
TECNICA DE
SERVICIO ZNA

PS 029 021

noviembre 2025

Contenido



I. Generalidades

II. Operación del Sistema

I. Generalidades



Descripción General

La Información Técnica de Servicio, en inglés Service Technical Information (STI), se refiere a la plataforma o sistema digital oficial que proporciona manuales de servicio completos, boletines de servicio técnico, procedimientos de diagnóstico, diagramas eléctricos y guías de reparación para vehículos ZNA.

I. Generalidades

← → ↻ 📄 sti.zznissan.com.cn/english/login?ReturnUrl=%2fenglish%2fInfo%2fLogin.aspx

ZNA ZNA Service
Technical Information

🔔 Announcement notice

Login Name

Password

Security Code 

Don't have an account? [Register](#)
[Forgot password?](#)

URL

<https://sti.zznissan.com.cn/english/>

II. Operación del Sistema



The screenshot shows a user interface for logging in and registering. At the top, there is a yellow banner with a bell icon and the text "Announcement notice". Below this, there are three input fields: "Login Name", "Password", and "Security Code". The "Security Code" field is accompanied by a CAPTCHA image showing the number "2" and the letters "MAM". A red "Login" button is positioned below the input fields. At the bottom, there is a link "Don't have an account? Register" where the "Register" text is highlighted with a red box, and a link "Forgot password?" below it.

Registro de Usuario

Hacer click en **Register** para hacer registro de usuario

II. Operación del Sistema

Registro de Usuario

sti.znissan.com.cn/english/register

ZNA Service
Technical Information

Jose Martinez Logout

User Registration

Fields Marked by * are Mandatory.

* Company Name	<input type="text" value="Company Name"/>	* Login Name	<input type="text" value="joseams"/>
* First Name	<input type="text" value="First Name"/>	* Password	<input type="password" value="....."/>
* Last Name	<input type="text" value="Last Name"/>	* Confirm Password	<input type="text" value="Confirm Password"/>
* Email Address	<input type="text" value="Email"/>	This information will be used to verify your identity if you forget your password.	
* Confirm Email Address	<input type="text" value="Email"/>	* Challenge Question	<input type="text" value="Challenge Question"/>
* Job Title / Designation	<input type="text" value="Job Title / Designation"/>	* Challenge Answer	<input type="text" value="Challenge Answer"/>
* Country	<input type="text" value="select"/>	As a security check to prevent automated spam, please type the security code from the display below.	
* Address1	<input type="text" value="Address1"/>	* Security Code	<input type="text" value="Security Code"/>
Address2	<input type="text" value="Address2"/>		
* City	<input type="text" value="City"/>	<input type="checkbox"/> I Accept the ZNA Privacy Policy.	
* Province / State	<input type="text" value="Province / State"/>	<input type="button" value="Submit"/> <input type="button" value="Reset"/>	
* Postal Code / Zip	<input type="text" value="Postal Code / Zip"/>		
* Phone	<input type="text" value="Phone"/>		

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Firefox and Chrome are recommended for browsing this website. Browsing performance might be not optimal in other browsers.

II. Operación del Sistema



Announcement notice

Login Name

Password

Security Code 2 7 7 7

Login

Don't have an account? [Register](#)

[Forgot password?](#)

Cambio de Contraseña

Hacer click en **Forgot Password**, cuando sea necesario el cambio de la contraseña.

II. Operación del Sistema

Cambio de Contraseña

The screenshot shows a web browser window with the address bar containing `sti.znissan.com.cn/english/account/getpassword`. The page header includes the ZNA logo and 'ZNA Service Technical Information' on the left, and a user profile 'Jose Martinez' with a 'Logout' button on the right. The main content area features a red banner with the text 'Forgot Password' and a message: 'If you need to retrieve your password, please contact us (sti@znissan.com.cn)'. The footer contains copyright information: '© 2017 ZHENGZHOU NISSAN AUTOMOBILE CO., LTD.' and a note: 'Firefox and Chrome are recommended for browsing this website. Browsing performance might be not optimal in other browsers.'

jose.martinez@grupomackvolvo.com

II. Operación del Sistema

The image shows a screenshot of a web browser displaying the login page for ZNA Service Technical Information. The browser's address bar shows the URL: `sti.znissan.com.cn/english/login?ReturnUrl=%2fenglish%2fInfo%2fLogin.aspx`. The page header includes the ZNA logo and the text "ZNA Service Technical Information". The main content area features a login form with the following fields and elements:

- An "Announcement notice" banner.
- A "Login Name" field containing the text "joseams".
- A "Password" field containing a masked password ".....".
- A "Security Code" field containing the text "Security Code" and a CAPTCHA image showing the number "2".
- A red "Login" button.
- Links for "Don't have an account? Register" and "Forgot password?".

Yellow arrows point from the form fields to a grey box on the right containing the following labels:

- Usuario (pointing to the Login Name field)
- Contraseña (pointing to the Password field)
- Código de confirmación (pointing to the Security Code field)
- Login (pointing to the Login button)

The background of the page features a scenic landscape with mountains and a blue sky, with a blue SUV (Mack Rich 6) visible on the right side.

II. Operación del Sistema

The screenshot shows a web browser at the URL `sti.znissan.com.cn/english/`. The page features a red navigation bar with the ZNA logo and menu items: "ZNA Service Technical Information", "Service Manual", "Part Search", "Announcement Notice", and "Contact Us". On the right side of the bar, it displays the user name "Jose Martinez" and a "Logout" button. A red arrow points from a blue box labeled "Cerrar Sesión" to the "Logout" button. Another red arrow points from a blue box labeled "Sección de Bienvenida y Términos" to the "ZNA Service Technical Information" link in the navigation bar. Below the navigation bar, a red banner reads "Welcome to ZNA Service Technical Information Website!". The main content area includes sections for "Terms of Use and Disclaimers", "Site Usage", "Intellectual Property", "Catalog Information", "User Submissions", and "Links To Other Web Sites".

Sección de Bienvenida
y Términos

Cerrar Sesión

II. Operación del Sistema

sti.znissan.com.cn/english/book

ZNA Service Technical Information Service Manual Part Search Announcement Notice Contact Us

Jose Martinez Logout

Sección de Manuales de Servicio

Borrar Selección

Buscar

Seleccionar Marca

Seleccionar Modelo

Service Manual

Brand select Model select Clean Search

Manual Title	Applicable Model	Release Date
NEW RICH SERVICE MANUAL	NEW RICH	2017-10-16
RICH 6 SERVER MANUAL	RICH6	2018-12-18
MX5 SERVICE MANUAL(中文)	MX5	2020-10-21
CABSTAR SERVICE MANUAL(中文)	CABSTAR	2020-12-04
RICH6 EV SERVICE MANUAL	RICH6 EV	2022-01-05
RICH7SERVICE MANUAL	RICH7	2023-08-18
NEW PALADIN	NEW PALADIN	2023-11-15
RICH7 EV SERVICE MANUAL	RICH7 EV	2024-11-21
Z9service manual	Z9	2025-06-03
Z9PHEVservice Manual	Z9	2025-07-21

Showing 1 to 10 of 10 rows 10 rows per

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II. Operación del Sistema

sti.znissan.com.cn/english/book

ZNA Service Technical Information Service Manual Part Search Announcement Notice Contact Us

Jose Martinez Logout

Service Manual

Brand Model

Manual Title	Applicable Model	Release Date
NEW RICH SERVICE MANUAL	NEW RICH	2017-10-16
RICH 6 SERVER MANUAL	RICH6	2018-12-18
MX5 SERVICE MANUAL(中文)	MX5	2020-10-21
CABSTAR SERVICE MANUAL(中文)	CABSTAR	2020-12-04
RICH6 EV SERVICE MANUAL	RICH6 EV	2022-01-05
RICH7SERVICE MANUAL	RICH7	2023-08-18
	NEW PALADIN	2023-11-15
	RICH7 EV	2024-11-21
	Z9	2025-06-03
	Z9	2025-07-21

Showing 1 to 10 of 10 rows rows per page

Sección de Manuales de Servicio

Hacer click para ingresar a los manuales del modelo de manera directa

II. Operación del Sistema

ESM - Electronic Service Manual - Google Chrome

sti.znissan.com.cn/english/webfiles/books/SMP152ZG00(en)/home.html

ESM - Electronic Service Manual eWD

请输入关键字查找

锐骐6维修手册

How To Use This Manual

- [Description](#)

This volume contains information on "General, Disassembly, Installation, Inspection and Adjustment" and "Trouble Diagnoses".

Diagramas Eléctricos
(Información no disponible)

Ajuste Zoom de Pantalla

A top

II. Operación del Sistema

Rich 6 - Google Chrome

sti.znissan.com.cn/english/webfiles/books/SMP152ZG00(en)/cdms/index2.html

front page
[Help Manual](#)
All car models



Rich 6
years
2018
2019
Model
ZN1035U5N5 Standard Model (2TZD+5MT, 2WD)
ZN1035U5N5 Luxury Model (2TZD+5MT, 2WD)
ZN1035UCN5 Standard Model (2TZD+5MT, 4WD)
ZN1035UCN5 Flagship Model (2TZD+5MT, 4WD)
ZN1035U5X5 Standard Model (ZD25T5+5MT, 2WD)
ZN1035U5X5 Luxury Model (ZD25T5+5MT, 2WD)
ZN1035U5X5A Luxury Model (ZD25T5+6AT, 2WD)
ZN1035UCX5 Standard Model (ZD25T5+5MT, 4WD)
ZN1035UCX5 Flagship Model (ZD25T5+5MT, 4WD)
ZN1035UCX5A Luxury Model (ZD25T5+6AT, 4WD)
VIN code lookup
VIN code lookup:

Clear
Production date:
2016-03-05
Vehicle Identification Number:
RC06100DLAEC
Target market:
China
Vehicle type:
Pickup truck
Model series:
P15
Enter the directory

chino (simplificado) **inglés** ⋮
 Traducir siempre del chino (simplificado)
Google Translate

帮助手册.pdf - Google Chrome

sti.znissan.com.cn/english/webfiles/books/SMP152ZG00(en)/cdms/system/pdf/帮助手册.pdf

帮助手册.pdf 1 / 11 100% +

55 Traducción Completa del Texto Resumen de PDF

郑州日产
锐骐 6 eWD
帮助手册

II. Operación del Sistema

The screenshot shows the ESM interface in a browser. The browser address bar displays the URL: `sti.znissan.com.cn/english//webfiles/books/SMP152ZG00(en)/home.html`. The page title is "ESM - Electronic Service Manual" with an "eWD" icon. The main content area is titled "How To Use This Manual" and includes a "Description" section. A left sidebar contains a list of information groups. A search bar is located at the top left. Navigation buttons (Back, Forward, Print) are at the top right. A "A top" button is at the bottom right. Red arrows point from text labels to these specific UI elements.

ESM - Electronic Service Manual eWD

← 后退 前进 → 打印

请输入关键字查找

锐骐6维修手册

Buscador

Título del Manual de Servicio

Botones inactivos

Grupos de Información

Botón ir inicio de página

A top

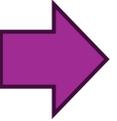
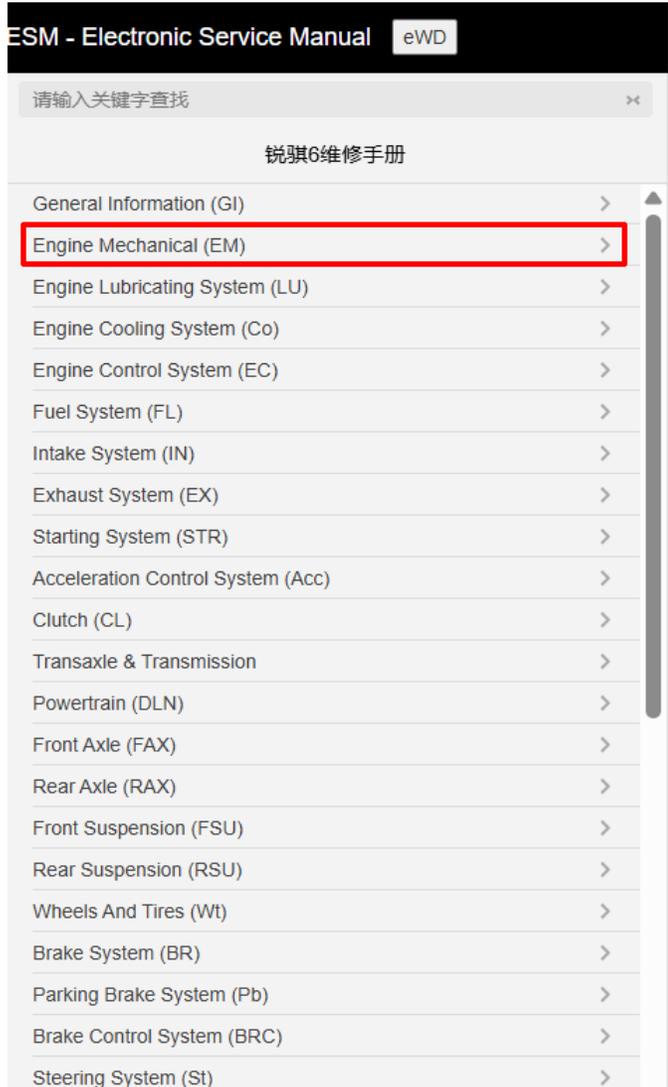
II. Operación del Sistema

The screenshot displays the ESM - Electronic Service Manual interface. The search bar at the top left contains the text "brake". A search results window is open, showing a list of 145 results. The results are as follows:

Result Number	Result Title	Result Description
1	Stop Lamp Switch and Brake pedal position switch	Stop Lamp Switch and Brake pedal position switch
2	Stop Lamp Switch and Brake pedal position switch	Stop Lamp Switch and Brake pedal position switch
3	P0571 Brake light failure	P0571 Brake light failure
4	P0504 Brake switch related fault	P0504 Brake switch related fault
5	Brake pedal position switch - parts function check	Brake pedal position switch - parts function check
6	Brake pedal position switch - diagnostic steps	Brake pedal position switch - diagnostic steps
7	The brake switch is under the lower left guard of the instrument panel.	Brake Switch
8	P0504, P0571, P0703 Brake switch	P0504, P0571, P0703 Brake switch
9	P2299 Accelerator pedal and brake pedal signal not plausible failure	P2299 Accelerator pedal and brake pedal signal not plausible failure

Below the search results window, a blue box contains the text "Resultado de la búsqueda".

II. Operación del Sistema



II. Operación del Sistema

ESM - Electronic Service Manual eWD

← 后退 前进 → 打印

请输入关键字查找

Basic Inspection

Compression Pressure - Check

Basic Inspection

1. [Compression pressure - Check](#)

Compression pressure - Check

1. Warm up engine thoroughly. Then, stop it.
2. Release the fuel pressure.
3. Disconnect fuel pump fuse to avoid fuel injection during measurement.
4. Remove ignition coil and spark plug from each cylinder.
5. Connect engine tachometer (not required in use of CONSULT).
6. Install the pressure gauge for cylinder compression into the spark plug hole.
7. The throttle is fully opened, the compression pressure is measured during crankshaft rotation, and perform the above Steps to check the cylinder pressure of each cylinder.

Caution:
Always use a fully charged battery to obtain specified engine speed.

- If the engine speed is out of specified range, check battery liquid for proper gravity. Check engine speed again with normal battery gravity.
- If compression pressure is below minimum value, check valve clearances and parts associated with combustion chamber (Valve, valve seat, piston, piston ring, cylinder bore, cylinder head, cylinder head gasket). After the checking, measure the compression pressure again.
- If some cylinder has low compression pressure, pour small amount of engine oil into the glow plug hole of the cylinder to re-check it for compression.
 - If the added engine oil improves the compression, piston rings may be worn out or damaged. Check piston rings and replace if necessary.
 - If the compression pressure remains AT low level despite the addition of engine oil, valves may be malfunctioning. Check valves for damage. Replace the valve or valve seat accordingly.
- If two adjacent cylinders have respectively low compression pressure and their compression remains low even after the addition of engine oil, gaskets are leaking. In such a case, replace cylinder head gaskets.

8. After inspection is completed, install removed parts.
9. Start engine, and confirm that engine runs smoothly.
10. Perform trouble diagnosis. If DTC appears, erase it.

top

II. Operación del Sistema

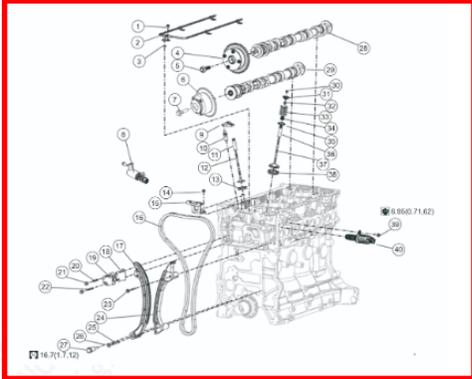
ESM - Electronic Service Manual eWD

请输入关键字查找

Removal And Installation

- Drive Belt Automatic Tensioner - Exploded View
- Drive Belt Automatic Tensioner - Removal And Installation
- Air Filter And Air Tube - Exploded View
- Air Filter And Air Tube - Removal And Installation
- Air Filter And Air Tube - Check
- Cylinder Head Cover - Exploded View
- Cylinder Head Cover - Removal And Installation
- Cylinder Head Cover - Inspection
- Intake Manifold - Exploded View
- Intake Manifold - Removal And Installation
- Intake Manifold - Check
- Exhaust Manifold And Three-Way Catalyst - Exploded View
- Exhaust Manifold And Three-Way Catalyst - Removal And Installation
- Exhaust Manifold And Three-Way Catalyst - Check
- Injector And Fuel Pipe - Exploded View
- Injector And Fuel Pipe - Removal And Installation
- Injector And Fuel Pipe - Check
- Oil Pan And Oil Filter - Exploded View
- Oil Pan And Oil Filter - Removal And Installation
- Oil Pan And Oil Filter - Check
- Timing Chain - Exploded View**
- Timing Chain - Removal And Installation
- Timing Chain - Check
- Camshaft - Exploded View
- Camshaft - Removal And Installation
- Camshaft - Check
- Cylinder Head - Exploded View

Timing chain - exploded view



Al hacer click sobre la imagen, esta se amplia

① Bolt assembly M6×16	② Valve drive mechanism injector	③ Valve drive mechanism injector O-ring
④ Phase shifter	⑤ Phase shifter mounting bolt	⑥ Exhaust gas phase shifter
⑦ Phase shifter mounting bolt	⑧ Exhaust oil control valve	⑨ Valve rocker assembly
⑩ Hydraulic tappet assembly	⑪ Exhaust Valve guide	⑫ Exhaust valve
⑬ Exhaust valve seat	⑭ Bolt assembly M6×20	⑮ Shock absorber assembly
⑯ Camshaft timing chain	⑰ Slider assembly	⑱ Chain tensioner pad
⑲ Chain tensioner assembly	⑳ Stud AM 8×25	㉑ Nut M6
㉒ Stud AM 8×20	㉓ Bolt M8×55	㉔ Rail assembly
㉕ Stud AM 8×45	㉖ Nut M8	㉗ Sliding mounting bolt
㉘ Intake camshaft assembly	㉙ Exhaust camshaft assembly	㉚ Valve stem cap
㉛ Valve spring upper seat	㉜ Valve collet	㉝ Valve spring
㉞ Valve oil seal	㉟ Valve spring lower seat	㊱ Intake valve guide
㊲ INT valve	㊳ Intake valve retainer	㊴ Bolt M6×12
㊵ Oil control valve		

II. Operación del Sistema

ESM - Electronic Service Manual eWD

请输入关键字查找

Removal And Installation

- Drive Belt Automatic Tensioner - Exploded View
- Drive Belt Automatic Tensioner - Removal And Installation
- Air Filter And Air Tube - Exploded View
- Air Filter And Air Tube - Removal And Installation
- Air Filter And Air Tube - Check
- Cylinder Head Cover - Exploded View
- Cylinder Head Cover - Removal And Installation
- Cylinder Head Cover - Inspection
- Intake Manifold - Exploded View
- Intake Manifold - Removal And Installation
- Intake Manifold - Check
- Exhaust Manifold And Three-Way Catalyst - Exploded View
- Exhaust Manifold And Three-Way Catalyst - Removal And Installation
- Exhaust Manifold And Three-Way Catalyst - Check
- Injector And Fuel Pipe - Exploded View
- Injector And Fuel Pipe - Removal And Installation
- Injector And Fuel Pipe - Check
- Oil Pan And Oil Filter - Exploded View
- Oil Pan And Oil Filter - Removal And Installation
- Oil Pan And Oil Filter - Check
- Timing Chain - Exploded View
- Timing Chain - Removal And Installation
- Timing Chain - Check
- Camshaft - Exploded View
- Camshaft - Removal And Installation
- Camshaft - Check
- Cylinder Head - Exploded View

16.7(1.7,12)

6.95(0.71,62)

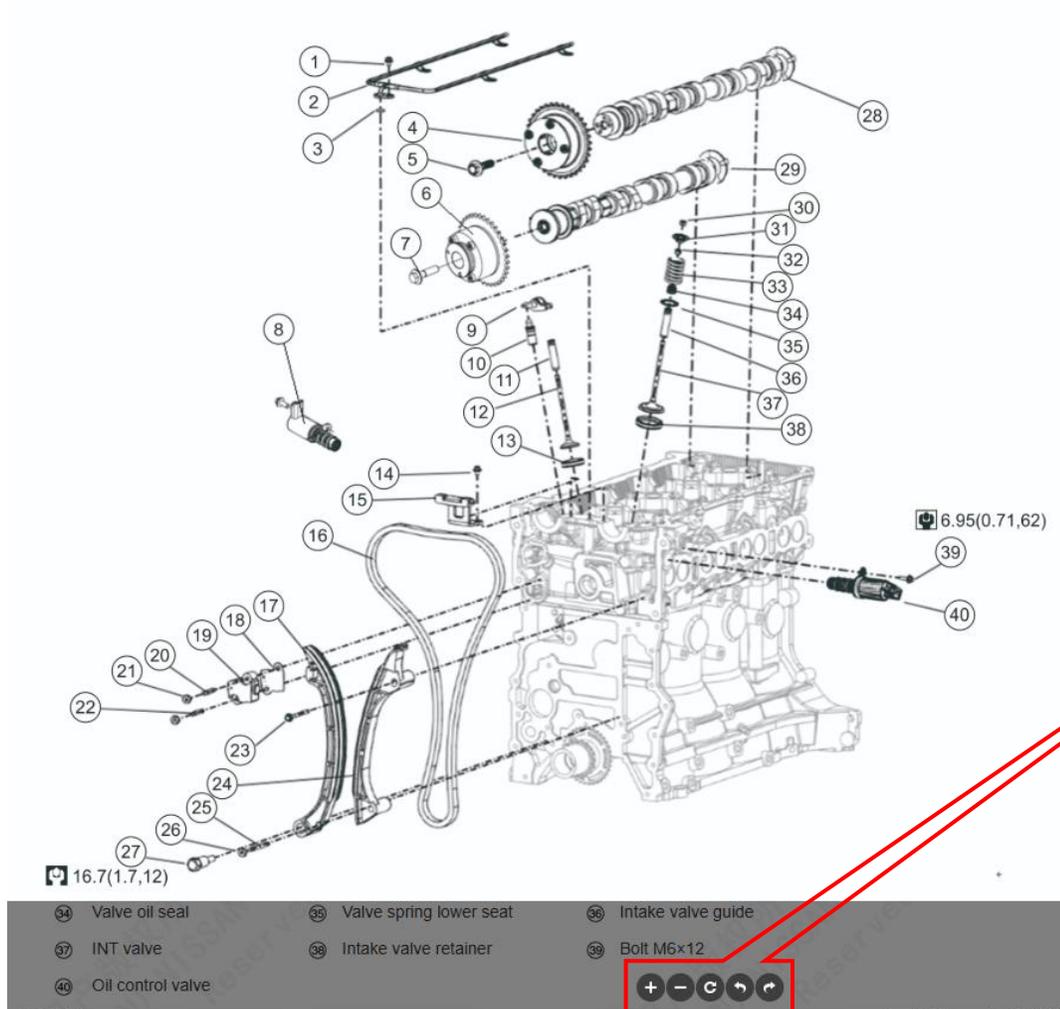
34 Valve oil seal	35 Valve spring lower seat	36 Intake valve guide
37 INT valve	38 Intake valve retainer	39 Bolt M6x12
40 Oil control valve		

Navigation icons: + - ← →

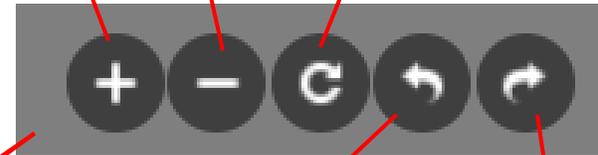
La imagen, se puede mover al mantener el botón izquierdo del mouse.

Botones de ajuste de la imagen

II. Operación del Sistema



+Zoom -Zoom Deshacer



Girar 90° a la izquierda

Girar 90° a la derecha

II. Operación del Sistema

The screenshot shows a web browser window with the URL `sti.znissan.com.cn/english/part`. The navigation menu includes 'Service Manual', 'Part Search', 'Announcement Notice', and 'Contact Us'. The 'Part Search' item is highlighted with a red box, and a blue callout box labeled 'Buscador de Piezas' points to it. Below the navigation bar, the text 'Part Search' is displayed above a red horizontal line. Underneath this line, there is a black silhouette of a person with a shovel and the text 'Under construction'. At the bottom of the page, there is a copyright notice: '© 2017 ZHENGZHOU NISSAN AUTOMOBILE CO., LTD. Firefox and Chrome are recommended for browsing this website. Browsing performance might be not optimal in other browsers.'

II. Operación del Sistema

sti.znissan.com.cn/english/notice

ZNA Service Technical Information | Service Manual | Part Search | **Announcement Notice** | Contact Us

Jose Martinez | Logout

Anuncio de Noticias

Announcement notice & FAQ

Announcement notice

FAQ

Title	Release Date
Instructions	2022-12-13
Reasons and solutions for failure to login	2022-12-15

Showing 1 to 2 of 2 rows

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II. Operación del Sistema

sti.zznissan.com.cn/english/notice

ZNA Service Technical Information

Service Manual Part Search Announcement Notice Contact Us

Jose Martinez Logout

Announcement notice & FAQ

Announcement notice

FAQ

Title	Release Date
How to change the password?	2022-12-15

Showing 1 to 1 of 1 rows

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Preguntas frecuentes

II. Operación del Sistema

The screenshot shows a web browser at the URL `sti.znissan.com.cn/english/feedback`. The navigation menu includes 'Service Manual', 'Part Search', 'Announcement Notice', and 'Contact Us'. The 'Contact Us' item is highlighted with a red box. An arrow points from this box to a blue button labeled 'Contactar'. Below the navigation bar, the page title 'Contact Us' is visible, along with an email icon and the address `sti@znissan.com.cn`. The footer contains copyright information for ZHENGZHOU NISSAN AUTOMOBILE CO., LTD. and a browser recommendation notice.

jose.martinez@grupomackvolvo.com

II. Operación del Sistema

The screenshot shows a web browser at the URL `sti.znissan.com.cn/english/user/manage`. The page features a red navigation bar with the ZNA logo and the text "ZNA Service Technical Information". Navigation links include "Service Manual", "Part Search", "Announcement Notice", and "Contact Us". On the right side of the navigation bar, a user profile is displayed as "Jose Martinez" with a "Logout" button. Below the navigation bar, the "Change Password" form is highlighted with a red border. The form contains the following fields: "Login Name" (pre-filled with "joseams"), "Original Password", "Password", "Confirm Password", and "Security Code" (with a CAPTCHA image). A red "Submit" button is located at the bottom right of the form. A red arrow points from the "Submit" button to the "Jose Martinez" user profile. Two blue callout boxes provide instructions: "Llenar los campos y hacer click en Submit" (Fill in the fields and click on Submit) and "Cambiar Contraseña" (Change Password).

Change Password

Login Name: joseams

Original Password:

Password:

Confirm Password:

Security Code:

Submit

Jose Martinez Logout

Llenar los campos y hacer click en Submit

Cambiar Contraseña

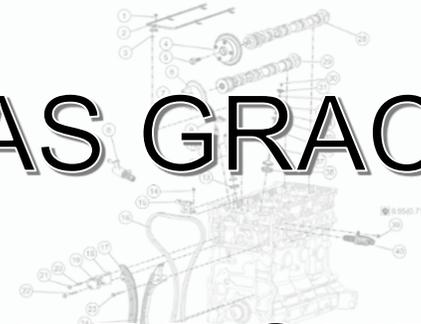
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Firefox and Chrome are recommended for browsing this website. Browsing performance might be not optimal in other browsers.

请输入关键字查找

< Removal And Installation

- Drive Belt Automatic Tensioner - Exploded View
- Drive Belt Automatic Tensioner - Removal And Installation
- Air Filter And Air Tube - Exploded View
- Air Filter And Air Tube - Removal And Installation
- Air Filter And Air Tube - Check
- Cylinder Head Cover - Exploded View
- Cylinder Head Cover - Removal And Installation
- Cylinder Head Cover - Inspection
- Intake Manifold - Exploded View
- Intake Manifold - Removal And Installation
- Intake Manifold - Check
- Exhaust Manifold And Three-Way Catalyst - Exploded View
- Exhaust Manifold And Three-Way Catalyst - Removal And Installation
- Exhaust Manifold And Three-Way Catalyst - Check
- Injector And Fuel Pipe - Exploded View
- Injector And Fuel Pipe - Removal And Installation
- Injector And Fuel Pipe - Check
- Oil Pan And Oil Filter - Exploded View
- Oil Pan And Oil Filter - Removal And Installation
- Oil Pan And Oil Filter - Check
- Timing Chain - Exploded View
- Timing Chain - Removal And Installation
- Timing Chain - Check
- Camshaft - Exploded View
- Camshaft - Removal And Installation
- Camshaft - Check

Timing chain - exploded view



¡MUCHAS GRACIAS!

HASTA PRONTO

- ① Bolt assembly M6×16
- ② Valve drive mechanism injector
- ③ Valve drive mechanism injector O-ring
- ④ Phase shifter
- ⑤ Phase shifter mounting bolt
- ⑥ Exhaust gas phase shifter
- ⑦ Phase shifter mounting bolt
- ⑧ Exhaust oil control valve
- ⑨ Valve rocker assembly
- ⑩ Hydraulic tappet assembly
- ⑪ Exhaust Valve guide
- ⑫ Exhaust valve
- ⑬ Exhaust valve seat
- ⑭ Bolt assembly M6×20
- ⑮ Shock absorber assembly
- ⑯ Camshaft timing chain
- ⑰ Slider assembly
- ⑱ Chain tensioner pad
- ⑲ Chain tensioner assembly
- ⑳ Stud AM 8×25
- ㉑ Nut M6
- ㉒ Stud AM 8×20
- ㉓ Bolt M8×55
- ㉔ Rail assembly
- ㉕ Stud AM 8×45
- ㉖ Nut M8
- ㉗ Sliding mounting bolt
- ㉘ Intake camshaft assembly
- ㉙ Exhaust camshaft assembly
- ㉚ Valve stem cap
- ㉛ Valve spring upper seat
- ㉜ Valve collet
- ㉝ Valve spring
- ㉞ Valve oil seal
- ㉟ Valve spring lower seat
- ㊱ Intake valve guide
- ㊲ INT valve
- ㊳ Intake valve retainer
- ㊴ Bolt M6×12
- ㊵ Oil control valve