Owner’s manual

JNSZ650DL

READ THIS MANUAL CAREFULLY.
IT CONTAINS IMPORTANT SAFETY

MINIMUM RECOMMENDED OPERATOR AGE. 16

<u>FOR OFF-ROAD USE ONLY</u>
This vehicle is designed and manufactured for off-road use only.
USA only;
It does not confirm to federal motor vehicle safety standards, and operation on public streets, roads, or highways is illegal.

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Warranty policy

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This release covers Joyner vehicles, dealers, and all affiliates of Castle Financial Corporation.

Liability Release of Joyner Recreational Vehicles

Please Initial and Sign

___ 1) Jumping the vehicle can cause serious damage to the drive train (axle, transmission, suspension)

___ 2) Injury or death can result from jumping vehicle. Do not jump.

___ 3) I understand that the roll bars are cosmetic and a roll over could cause death or serious injury. The seller is not liable for death or injury.

___ 4) I have inspected all machines for any cosmetic damage and found it/them to be satisfactory. I further understand that cosmetic damage is NOT covered by any factory warranties and unless noted here are deemed acceptable by me.

___ 5) Off-roading is dangerous. Death or injury could occur. The seller is not liable for injury or death.

___ 6) I understand all sales are final and that there is no right of rescission, no option for return or exchange for any vehicle purchased; and that the titled and registered machines were effectively purchased when I signed the title application.

___ 7) I understand the warranty is 90 days manufacturer defect only. Parts are covered but no labor.

___ 8) I understand that although some lending institutions do not require insurance, state law DOES require liability insurance and a driver's license. I also understand that none of the products offered by the dealer constitutes insurance and a separate policy would have to be purchased from an outside source to protect my purchase and fulfill state requirements.

___ 9) I have also been shown the VIN number for each machine and they match this form and all paperwork received.

___ 10) I understand that I have only 72 hours to notify the seller of any issues to the paperwork of the vehicle. After 72 hours it will be accepted by the purchaser.

___ 11) Off Road use only. Driving on paved roads can cause axle or transmission damage. Both tires turns equally, this is not a limited slip differential. Injury or death can occur from operating a non-DOT vehicle on public roads.

___ 12) Promise to pay - by signing this contract buyer agrees to pay Seller the "Total Due."

___ 13) Time of Essence - Time is the essence of this contract. Seller's acceptance of partial payments shall not in any manner modify the terms of this contract and such acceptance shall not be construed as a waiver of any subsequent defaults on Buyer's part nor shall it waive the "time is of the essence" provision.

___ 14) Notice - Any notice required to be given to Buyer shall be deemed reasonable notification if (1) mailed by ordinary mail, postage prepaid, to Buyer's mailing address as shown on this contract or to Buyer's most recent address as shown by a "notice of change of address" on file with Seller, whether or not such notice is actually received by Buyer, or (2) if given in any other manner which results in Buyer's actual receipt of such notice.

___ 15) Bad Check - If Buyer pays Seller with a check that is dishonored or unpaid for any reason, Seller may, at Seller's sole option, terminate this contract and retake the vehicle, or make claims against Buyer on the check. In addition, Seller will charge a $25 returned check charge plus any actual charges assessed by Seller's financial institution resulting from such returned check.

___ 16) Attorney Fees - If it is necessary for Seller to take legal action to enforce any of Seller's rights under this contract, Buyer agrees to pay to the extent permitted by law, the Seller's reasonable attorneys' fees and court costs.

___ 17) General - This contract is governed by applicable federal law and the laws of the state of Arizona. Any provisions found to be invalid shall not invalidate the remainder hereof. Waiver of any default shall not constitute waiver or any subsequent default. All words used herein shall be construed to be of such gender and number as the circumstances require. The contract shall be binding upon Buyer's heirs, personal representatives, successors and assigns and shall inure to the benefit of Seller's successors and assigns. This contract constitutes the entire agreement between the parties with respect to the subject matter herein, and may not be altered or amended unless made in writing and duly executed by the seller.

___ 18) Cash Deposit - If Buyer fails or refuses to accept delivery of any Vehicle or product or fails to comply with this contract, Seller may keep any cash deposit as liquidated damages, to the extent not prohibited by law. The deposit may also be used to reimburse Seller for any expenses and losses Seller incurs or suffers as a result of Buyer's failure or refusal to accept delivery of the Vehicle or product or to comply with this contract. Such expenses and losses may include Seller's reasonable attorneys' fees.

___ 19) Non-Delivery - Seller is not liable for failure to deliver or for delay in delivering the Vehicle or other product where such failure or delay is due, in whole or in part, to any cause beyond Seller's control or without Seller's fault or negligence.

___ 20) Risk of Loss; Insurance - The risk of loss to the vehicle or any other items covered by this invoice passes to Buyer upon delivery of the vehicle or other goods to the Buyer at the address set forth on this invoice for shipment to Buyer or such other place of receipt designated by the Buyer. Buyer is responsible for maintaining its own theft and liability insurance coverage for the vehicle.

___ 21) Age - Buyer represents and warrants to Seller that buyer is over the age of majority and is fully competent to enter into this contract. Buyer acknowledges that Seller is relying on this representation in entering into and performing this contract.

___ 22) Limitation of Damages. It is understood and agreed that Seller's liability and Buyer's sole remedy, whether in contract, under any warranty, in tort (including negligence), in strict liability or otherwise shall not exceed the return of the amount of the purchase price paid by the Buyer, and under no circumstances shall Seller be liable for any special, incidental, punitive or consequential damages, including, but not limited to, property damage, damage to or loss of equipment, lost profits or revenue, costs of renting replacements and other additional expenses, even if Seller has been advised of the possibility of such damages.

___ 23) No liability for Buyer's negligence. Seller shall not be liable for any damages, losses of expenses as a result of Buyer's negligence, whether deemed active or passive and whether or not any such negligence is the sole cause of any such damage, loss or expense.

___ 24) Conditions of Sale

___ 25) It is the responsibility of the Buyer to insure the safety and safe operation of all items sold to Buyer.

___ 26) The mechanical fitness of the machine is the sole responsibility of the Buyer and operator.

___ 27) Buyer acknowledges that there are dangers and risks inherent in the operation and use of all off-road vehicles, including but not limited to the danger and risk of collision with natural and man-made objects and with other vehicles and recreational users. Buyer understands that personal injury, death, dismemberment, or property damage can occur from any type of operation of an off-road recreational vehicle. Buyer accepts and assumes full responsibility for all such dangers and risks and the possibility of personal injury, death, property damage, or loss resulting therefrom and from unsafe operation.

___ 28) It is highly recommended that the Buyer or operator of this vehicle: (i) wear a helmet and safety belts at all times during operation of the vehicle and (ii) attend a safety course in operating ATV's, Dirt Bikes, UTV's, or Dune Buggies.

Customer Signature_____ Date_____

Address_____ City_____ State_____ Zip_____ Phone_____

Dealer Signature_____ Date_____

Address_____ City_____ State_____ Zip_____ Phone_____

Vehicle_____ VIN #_____ Year_____

• 1510 W. Bell De Mar Dr. Tempe, AZ. 85283 • Phone: 480.813.6363 - Fax: 480.813.6379 •

Must be on file to order parts

Team Joyner USA Limited Manufacturer's Defect Warranty

Team Joyner USA herby warrants that new Joyner Off-Road Vehicle purchased from an authorized Joyner dealer worldwide including the United States, Middle East, Europe, Canada, Germany, Spain, or wherever Joyner recreational vehicles are sold by an authorized dealer will be free from defects in material and workmanship for the period of time stated herein, subject to certain stated limitations. Purchasing a Joyner vehicle from a non-authorized Joyner dealer will be without a warranty

The Period of Warranty for Joyner Off-Road Vehicles shall be ninety (90) days from the date of purchase. The warranty can be voided during the 90 days if found that you have violated any of the below requirements.

During the Period of the Warranty any authorized Joyner dealer will evaluate, repair or replace any part adjudged defective by Joyner due to faulty workmanship or material from the factory. Parts used in warranty repairs will be warranted for the balance of the product's warranty period. All parts replaced under warranty become property of Team Joyner USA. Warranty only covers defective parts, no labor is included. Consumer will pay Joyner dealer direct for any labor charges.

General Exclusions from this warranty that will void the entire warranty shall include any failures caused by:

a. Competition or racing use.
b. Installation of parts or accessories that is not qualitatively equivalent to genuine Joyner parts.
c. Abnormal strain, neglect, or abuse.
d. Lack of proper maintenance.
e. Accident or collision damage.
f. Modification to original parts.
g. Damage due to improper transportation.
h. Adjustments from operations.
i. Damage caused by exceeding travel of vehicle.
j. Altering the vehicle in any manner.
k. Placing additional seats.
l. Turbo chargers and super chargers.
m. Adding electrical devices that cause electrical failure.
n. Damage caused by debris; rocks, riverbed, trees, etc.
o. Damage caused by rollovers due to improper operation of vehicle.
p. Climbing beyond the capacity of the vehicle.
q. Operating differential lockers in excess speed of 20 mph.
r. Abuse and improper operations.
s. Increasing size of the tire or wheel from the Joyner standard tire and wheel package.
t. Towing an additional vehicle using a winch for other uses other than pulling the vehicle it is attached to.

Specific Exclusions from this warranty shall include parts replaced due to normal wear or routine maintenance, such as spark plugs, oil, oil filter, air filter, brake shoes, CV Joints, CV Boots, Universal Joints, Cables, water damage to electrical equipment, clutches pressure plates and transmission gear from neglect or miss shifting.

The Customer's Responsibility under this warranty shall be to:

1. Operate and maintain the off road vehicle as specified in the appropriate owner's manual;
2. Give notice to an authorized Joyner dealer of any all apparent defects within ten (10) days after delivery, and make the machine available at that time for inspection and repairs at such dealer's place of business.
3. To operate to the intent of the vehicle use
4. Not to travel in and out of water that is more than twelve (12) inches deep.
5. To not operate at any time in salt water.
6. Not to jump the machine in any manner.
7. To follow all local and state safety regulations.
8. Not to alter the vehicle in any manner.
9. Not to install any additional seating.
10. To check all bolts and nuts prior to any ride.
11. Properly clean and protect the cosmetics of the vehicle.

Additional Warranty Requirements:

1. An authorized Joyner dealer to perform a break in service at ten (10) hours or two hundred and fifty (250) miles which ever comes first. There must be a record that this has been conducted by an authorized dealer in order to obligate Joyner to use the warranty on the vehicles or parts.
2. A record of complete operator maintenance must be kept and at any time a Joyner dealer may request this record to qualify the repair under warranty.
3. All fluid must be changed per the operator's manual. On all transmission or engine failures, this record will be requested.
4. Pre-Delivery Inspection (PDI)
   On each Joyner vehicle a pre delivery inspection form is required. A Joyner dealer is required to perform his procedure with the consumer signing off on all items of the PDI form. It is the Joyner dealer's responsibility to ensure and sign off on the vehicle to its mechanical fitness and make sure all safety equipment is installed

correctly. The dealer, during their pre delivery inspection is required to use Tamper Proof paint in red, orange, or white to ensure all nuts and bolts are tightened to specifications. The form can be downloaded at www.teamjoynerusa.com or request them to be FedExed to you. It is also the consumer's responsibility that the dealer has performed this procedure. Consumers must, within ten (10) days after accepting the vehicle, notify Joyner at 1-866-441-6363 or email PDI@teamjoynerusa.com or fax to 480-813-6379 in writing that the dealer failed to properly deliver the vehicle to you on an authorized pre delivery inspection form. Failure to properly notify Joyner of this can Void the warranty or cause serious injury, death, dismemberment, or damage to the vehicle. Joyner is not responsible for the fitness of the vehicle or the safety of the vehicle if the PDI is not performed by the dealer.

Warranty Notification Procedures-

Joyner will only accept warranty claims on its prescribed form with an authorized dealer signing off that in fact the part should be covered under warranty. This from must be e-mailed or faxed in signed by a dealer. A current PDI form must be on file with Joyner with a dealer's signature and consumer signature accepting delivery of the vehicle order and agreeing to the mandatory liability releases. If dealer determines that the part is not under warranty, you have ten (10) days to dispute this in writing to dealer and Joyner. Consumers can not order warranty parts only authorized Joyner dealerships can.

Safety- You should acknowledge that you are entering a very hazardous sport and you could be injured, dismembered, or even loose your life. This could occur from operation failure to completely conduct operator's maintenance or failure to have your vehicle properly delivered to you on an authorized dealer Joyner PDI form. It is not the responsibility of Joyner or any of its affiliates to ensure your vehicle will not cause you to be injured, dismembered, or even loss of life. You, without any guaranty of warranty, enter into full awareness of the hazards. It is recommended that you wear proper protection to include Helmet, safety belt, safety netting over doorways and even hand and arm restraints to keep your full body inside the vehicle in case of a roll over. Joyner can not be responsible for any losses of life, limbs, or serious injury. It is recommended that you attend an off road safety course prior to operating this vehicle, or you have agreed to take all responsibilities of operator and passengers.

This warranty is not transferable

Emission Control System Warranty – Team Joyner USA also warrants to the ultimate purchaser and each subsequent purchaser of each 2006 and later model Joyner off road vehicles covered by this warranty that the vehicle is designed, built, and equipped so as to conform at the time of sale with all U.S. emissions standards applicable at the time of manufacture and that it is free from defects in materials and workmanship which would cause it not to meet these standards within the period listed immediately below. Failures other than those resulting from defects in material or workmanship which arise solely as a result of owner abuse and/or lack of proper maintenance are not covered by this warranty.

All models-thirty (30) months from the original purchase date.

If at anytime the emission related parts have been altered or removed, or the removal of the certificate that is fixed to the vehicle, the warranty will be null and void. This vehicle must conform to the regulations per EPA and CA Air Resource Board.

Team Joyner USA makes no other warranty of any kind, expressed or implied. All implied warranties of merchantability and fitness for a particular purpose which exceed the obligations and time limits stated in this warranty are hereby disclaimed by Team Joyner USA and excluded from this warranty.

Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Also excluded from this warranty is any incidental or consequential damages including loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Authorized Dealership

Team Joyner USA
1510 W. Bell De Mar Dr
Tempe, AZ 85242
1-866-441-6363

Name_____
Address_____
City, State, Zip_____
Phone_____
Signature_____

Parts Order Form
Warranty Claim Form

www.teamjoynerusa.com

90 Day Manufacturer Defects Only
Fax# (480) 813-6379
Email: parts@teamjoynerusa.com

OFFICE USE ONLY

Parts Department
Date Received: _____
Date Processed: _____
Date Shipped: _____
Order Complete
Yes ☐ No ☐
Invoiced to Factory
Yes ☐ No ☐

W/P- 3971

Order Date _____

Dealer: _____
Contact Name: _____
Address: _____
City: _____ **ST:** _____ **Zip:** _____
Phone: _____

Customer Name: _____
Address: _____
City: _____ **ST:** _____ **Zip:** _____
Phone: _____

SALE DATE	DELIVERY DATE	YEAR	MODEL	VIN#	COLOR

SYMPTOMS: _____

QTY	ITEM #	PG. #	PART #	DESCRIPTION	COST	TOTAL	WARRANTY YES OR NO

Payment Method: Cash ☐ Check ☐ Visa ☐ Mastercard ☐ Discover ☐

Drivers License # _____ ST: ____ EXP: _____
Card# _____ EXP: _____ ZIP: _____ CVC# _____
I authorize Team Joyner USA to charge my credit card
Signature: _____ Date: _____

SUBTOTAL: _____
TAX: _____
SHIPPING COST: _____
TOTAL: _____

SHIPPING IS NOT INCLUDED ON PARTS ORDERS

Shipping Method: Ground ☐ 2Day ☐ Overnight ☐ Rush Service $25 Fee ☐

Dealers Signature: _____ Date Submitted: _____
Print Name Sign

WE ONLY ACCEPT FAX OR EMAIL ORDERS FOR PARTS-NO PHONE ORDERS!

NO ORDERS WILL BE PROCESSED WITH INCOMPLETE INFORMATION

Exceeding the capability of the machine can cause damage and will not be covered under warranty. Abuse or misuse will not be covered under warranty. The 90 day manufacturers warranty is for defective parts only, not parts that become inoperative from use.

It is the purpose of this form to determine that the customer is qualified for warranty parts. Please note that the following parts are not covered under warranty and are considered as wear parts.

CLUTCH CABLE, THROTTLE CABLE, CLUTCH, BRAKE PADS, MUFFLERS, SHOCKS, LIGHT BULBS, DIRT IN FUEL TANK, DIRT IN CARBURETOR, DAMAGE FROM JUMPING OR EXCEEDING TRAVEL OF MACHINE, THERMOSTAT, TIRE S AND WHEELS, ELECTRICIAL PARTS SUCH AS: ALTERNATOR, VOLTAGE REGULATOR

OFFICE USE ONLY

APPROVED or DECLINED BY: _____ DATE: _____
Yes ☐ No ☐ Yes ☐ No ☐ PRINT NAME SIGN

REMARKS: _____

Operational Failure ☐ Out of Warranty Period ☐ Operational Wear ☐ Pictures Required/Retrieve Part ☐

PDI MUST BE ON FILE TO PROCESS

SERVICE RECORD

Fax to 480-813-6379

No warranty parts can be ordered if not on file

authorized pre-paid service program at a participating dealership near you.

You can purchase the first year service programs that include 10, 40, 80, and 120 hour services. Inquire with your dealer. We recommend that you follow this service schedule to ensure safety and mechanical fitness of your Joyner recreational vehicle. Failure to have your vehicle serviced by an authorized service center or dealership can result in injury, death, or dismemberment.

Customer Name _____
Address _____
City _____ State _____ Zip _____
Email _____ Phone _____

Vehicle Information
Model _____ Year _____
Vin # _____ Color _____

	Date	Sign off	Miles	Remarks
Assembly				
EPA and CARB stickers				
Pre Delivery Inspection				
Customer Sign Off				
10 hour or 250 miles				
40 hour or 250 miles				
40 hour or 500 miles				
80 hour or 750 miles				
120 hour or 1000 miles				

Dealership Information

Name	Phone	Date

Monthly checks

Date	Date	Date	Date	Date	Date
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Selling Dealership

Dealership Name _____
Address _____
City _____ **State** _____ **Zip** ____
Phone _____

This activates Warranty

Date of Purchase _____
Customer Signature _____

By signing you have agreed to all liability releases and understand warranty.

Preventative Maintenance and Service Log

	Dealership Responsibilities			Recommended Authorized Joyner Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
120 Point Check	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
Engine											
1)Drive Belt				TA	TA	TA	TA		TA	TA	TA
2)Tighten Bolts On Engine				TA	TA	TA	TA	TA	TA	TA	TA
3)Engine Oil				RC	LF	LF	RC	LF	LF	LF	RC
4)Exhaust				TA	TA	TA	TA	TA	TA	TA	TA
5)Air Filter				RC	LF	LF	RC	LF	LF	LF	RC
6)Manifold Bolts				TA	TA	TA	TA			TA	TA
7)Pulley Bolts				TA	TA	TA	TA			TA	TA
8)Engine Mounts				TA	TA	TA	TA	TA	TA	TA	TA
9)Engine Breather Tube				IC	IC	IC	IC		IC		IC
10) Carburetor				TA	TA	TA	TA	TA	TA	TA	TA
11) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
Transmission											
12) Transmission Fluid				RC	LF	LF	RC	LF	LF	LF	RC
13) Clutch Pedal				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
14) Clutch							RC				RC
15) Shifter				LF/TA	LF/TA	LF/TA	LF/TA			LF/TA	LF/TA
16) Transmission Function				IC	IC	IC	IC		IC	IC	IC
17) Clutch Mount				TA	TA	TA	TA		TA	TA	TA
18) Shifter Cables				LF/TA	LF/TA	LF/TA	LF/TA			LF/TA	LF/TA
19) Transmission Mounts				TA	TA	TA	TA		TA	TA	TA
20) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
Ignition											
21) Coil				IC	IC	IC	IC	IC	IC	IC	IC
22) Distributor For Ignition				IC	IC	IC	IC	IC	IC	IC	IC
23) Plug Wires				IC	IC	IC	IC	IC	IC	IC	IC
24) Throttle Choke Cable				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
25) Idle				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
26) All Nuts And Bolts				IC	IC	IC	IC	IC	IC	IC	IC

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

After completing make a copy for your records and fax to 480-813-6379

	Dealership Responsibilities			Recommended Authorized Joyner Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
Cooling System				IC/LF	IC/LF	IC/LF	RC	IC/LF	IC/LF	IC/LF	RC
27) Coolant Level											
28) Coolant Hose And Clamps				IC	IC	IC	IC	IC	IC	IC	IC
29) Radiator Mount Bolts				TA	TA	TA	TA	TA	TA	TA	TA
30) Radiator Cap				TA	TA	TA	TA	TA	TA	TA	TA
31) Fan				IC	IC	IC	RC	IC	IC	IC	RC
32) Hose Clamps				TA	TA	TA	TA	TA	TA	TA	TA
Fuel System											
33) Fuel Tank Cover				TA	TA	TA	TA	TA	TA	TA	TA
34) Breathe Hose And Joint				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
35) Fuel Hose				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	RC
36) Fuel Hose Clamps				TA	TA	TA	TA	TA	TA	TA	TA
37) Fuel Tank				IC	IC	IC	IC	IC	IC	IC	IC
38) Fuel Filter				IC	IC	RC	IC			IC	RC
39) Fuel Regulator				TA	TA	TA	TA	TA	TA	TA	TA
40) Fuel Pump				IC	IC	IC	RC		IC	IC	RC
Drive Train											
41) Axles				IC	IC	IC	IC	IC	IC	IC	IC
42) Cv Joint				IC	IC/LF	IC	RC			IC	RC
43) Drive Shaft				LF	LF	LF	LF		LF		LF
44) Cv Bouts				IC	IC	IC	RC	IC	IC	IC	RC
45) Spindle				TA	TA	TA	TA	TA	TA	TA	TA
46) Bearings				IC/LF	IC/LF	IC/LF	RC		IC	IC	RC
47) Castle Nuts				TA	TA	TA	TA	TA	TA	TA	TA
48) Cotter Pins				RC	RC	RC	RC	RC	RC	RC	RC
49) Differential Front				TA	TA	TA	TA	TA	TA	TA	TA
50) Differential Front Cable				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
51) Front Gear Oil				RC	LF	RC	LF	LF	LF	RC	RC

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

	Dealership Responsibilities			Recommended Authorized Joyner Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
52) Differential Breather Tub Front				IC	IC	IC	IC	IC	IC	IC	IC
53) Differential Rear				TA	TA	TA	TA	TA	TA	TA	TA
54) Differential Rear Cable				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
55) Differential Breather Tub Rear				IC	IC	IC	IC	IC	IC	IC	IC
56) Rear Gear Oil				RC	LF	RC	LF	LF	LF	RC	RC
57) Axle Nuts				TA	TA	TA	TA	TA	TA	TA	TA
58) Wheel Studs Nuts				TA	TA	TA	TA	TA	TA	TA	TA
59) Ball Joint Bolts				TA	TA	TA	TA	TA	TA	TA	TA
60) 4x4 Lockers				IC/TA	IC/TA	IC/TA	IC/TA			IC/TA	IC/TA
Brakes											
61) Brake Pads				IC	IC	IC	RC	IC	IC	IC	RC
62) Brake Fluid Level				LF	LF	LF	RC	LF	LF	LF	RC
63) Rotors				IC	IC	IC	IC	IC	IC	IC	IC
64) Calipers				IC/TA	IC/TA	IC/TA	IC/TA	IC	IC/TA	IC/TA	IC/TA
65) Brake Lines				IC	IC	IC	IC	IC	IC	IC	IC
66) Master Cylinder				IC/TA	IC/TA	IC/TA	IC/TA	IC	IC/TA	IC/TA	IC/TA
67) Brake Pedal				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
68) Emergency Brake				IC	IC	IC	IC	IC	IC	IC	IC
69) Emergency Brake Cable				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
70) Emergency Brake Pads				IC	IC	IC	RC	IC	IC	IC	RC
71) Emergency Brake Fluid				LF	LF	LF	RC	LF	LF	LF	RC
72) Three Way Brake Valve				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
73) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
74) Wire And Plugs				IC	IC	IC	IC	IC	IC	IC	IC
Electrical											
75) Battery				IC/LF	IC/LF	IC/LF	RC	IC/LF	IC/LF	IC/LF	RC
76) rnator				IC	IC	IC	IC	IC	IC	IC	IC
77) Starter				IC	IC	IC	IC	IC	IC	IC	IC

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

	Dealership Responsibilities			Recommended Authorized Joyner Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
78) Connection				IC	IC	IC	IC	IC	IC	IC	IC
79) Voltage Regulator				IC	IC	IC	IC	IC	IC	IC	IC
80) Gauges				IC	IC	IC	IC	IC	IC	IC	IC
81) Lighting				IC	IC	IC	IC	IC	IC	IC	IC
82) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
83) Horn				IC	IC	IC	IC	IC	IC	IC	IC
Suspension											
84) Tires				IC	IC	IC	IC	IC	IC	IC	IC
85) Tire Air Pressure				TA	TA	TA	TA	TA	TA	TA	TA
86) Wheels And Bearing				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
87) A-Arms				TA	TA	TA	TA	TA	TA	TA	TA
88) Swing Arms				TA	TA	TA	TA	TA	TA	TA	TA
89) Shocks Rear				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
90) Tighten Nuts On The Hub And Wheel				TA	TA	TA	TA	TA	TA	TA	TA
91) Shock Bolts				TA	TA	TA	TA	TA	TA	TA	TA
92) A-Arm Bolts				TA	TA	TA	TA	TA	TA	TA	TA
93) Tie Rod				TA	TA	TA	TA	TA	TA	TA	TA
94) Ball Joint				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
95) Hein Joints				TA	TA	TA	TA	TA	TA	TA	TA
96) Shocks Front				TA	TA	TA	TA	TA	TA	TA	TA
97) Nitrogen				TA	TA	TA	TA	TA	TA	TA	TA
98) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
Steering											
99) Steering Wheel				TA	TA	TA	TA	TA	TA	TA	TA
100) Steering Box				TA/LF	TA/LF	TA/LF	TA/LF		TA/LF	TA/LF	TA/LF
101) Steering Rod Bolts				TA	TA	TA	TA	TA	TA	TA	TA
102) Ball Joints				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
103) Rod Ends				TA	TA	TA	TA	TA	TA	TA	TA
104) Hein Joint				TA	TA	TA	TA	TA	TA	TA	TA
105) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

	Dealership Responsibilities			Recommended Authorized Joyner Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initial	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
Chassis											
106) Welds				IC	IC	IC	IC	IC	IC	IC	IC
107) Roll Bar Connection				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
108) Floor Panels				TA	TA	TA	TA	TA	TA	TA	TA
109) Skid Plates				TA	TA	TA	TA	TA	TA	TA	TA
110) Winch Function				IC	IC	IC	IC	IC	IC	IC	IC
111) Winch Mount				TA	TA	TA	TA	TA	TA	TA	TA
112) Seat Belts				TA	TA	TA	TA	TA	TA	TA	TA
113) Seat Belt Mounts				TA	TA	TA	TA	TA	TA	TA	TA
Cosmetics											
114) Body Kits				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
115) Hood				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
116) Dump Bed				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
117) Safari Rack				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
118) Light Bar Rack				TA	TA	TA	TA	TA	TA	TA	TA
119) Dash Panel				TA	TA	TA	TA	TA	TA	TA	TA
120) Seats				TA	TA	TA	TA	TA	TA	TA	TA

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

Warranty can be voided by Joyner or dealership if the proper maintenance and service has not been conducted

The service record must be faxed in when requesting warranty parts effective 2-15-08. No exceptions!!!!

Fax 480-813-6379

Release of liability required to be on file to order parts.
We reserve the right at any time to not sell or supply parts to the dealer or consumer for any reason.

Owner’s manual

Foreword

Thank you for choosing JOYNER off Highway Recreational Vehicle. We hope you will have fun with it. Before you start to operate the Vehicle, please read through this Owner’s Manual carefully as it contains important safety and maintenance information. Failure to follow the warnings contained in this manual can result in serious injuries.

Be sure to follow the recommended maintenance schedule and service your Off Highway Recreational Vehicle accordingly. Preventative maintenance is extremely important to the longevity of your Off Highway Recreational Vehicles.

JOYNER believes in conservation and protection of earth’s natural resources. To that end, we encourage every vehicle owner to recycle, trade in, or properly dispose of, as appropriate, used motor oil, coolant, and other fluids, batteries, and tires.
We hope you will have a pleasant experience with our products.

Foreword about safety

In order to keep everyone safe, you must take responsibility for the safe operation of your Off Highway Recreational Vehicles.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

It is not practical or possible to warn you about all hazards associated with operating or maintaining a Off Highway Recreational Vehicle. You must use your own good judgment.

You will find important safety information in a variety of forms, including:

Safety labels - On the Vehicles.

Safety Messages – Preceded by a safety alert symbol ⚠ and one of two signal words: **WARNING**, or **CAUTION**.

These signal words mean:

⚠ WARNING

Physical harm may result from failure to adhere to the instructions that are described within the WARNING labels.

Safety Headings --- such as Important Safety Reminders or Important Safety Precautions.

Safety Section --- such as Off Highway Recreational Vehicles Safety.

Instructions --- how to use this Off Highway Recreational Vehicles correctly and safely.

This entire manual is filled with important safety information----please read it carefully.

Important safety information

Your Vehicle will provide you with many years of service and pleasure. Providing you take responsibility for your own safety and understand the challenges you can meet while driving.

There is a lot you can do to protect yourself when you drive. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

Follow the Age Recommendation

It is strongly recommended that no one under the age of 16 be permitted to drive this Off Highway Recreational Vehicles without adult supervision.

Always Wear a Helmet

It's a proven fact: helmets significantly reduce the number and severity of head injuries. Always wear an approved motorcycle helmet. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear.

Drive Off-Road Only

Your Off Highway Recreational Vehicles is designed and manufactured for off-road use only. The tires are not made for pavement, and the Off Highway Recreational Vehicles does not have turn signals and other features required for use on public roads.

Take Time to Learn & Practice

Even if you have driven other Off Highway Recreational Vehicles, take time to become familiar with how this Off Highway Recreational Vehicles works and handles. Practice in a safe area until you build your skills and get accustomed to this Off Highway Recreational Vehicles's size and weight.

Because many accidents involve inexperienced or untrained drives, we urge all drivers to take a training course approved by the Off Highway Recreational Vehicles Safety Institute. Check with your dealer for more information on training courses.

Be Alert for Off-Road Hazards

The terrain can present a variety of challenges when you drive off-road. Continually "read" the terrain for unexpected turns, drop-offs, rocks, ruts, and other hazards. Always keep your speed low enough to allow time to see and react to hazards.

Drive within Your Limits

Pushing limits is another major cause of Off Highway Recreational Vehicles accidents. Never drive beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgments and driver safely.

Don't Drink and drive

Alcohol and driving don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every

additional drink. So don’t drink and drive, and don’t let your friends drink and drive either.

Never run your Go- Vehical indoors.

Y the exhaust from the engine contains a tasteless, odorless and poisonous gas called carbon monoxide.

Important safety information

Keep away from moving parts of the Off Highway Recreational Vehicles

The operator of the Off Highway Recreational Vehicles should never place their hands or other parts of their body near any moving part of the Off Highway Recreational Vehicles. Failure to adhere to this warning will cause physical harm to your body.

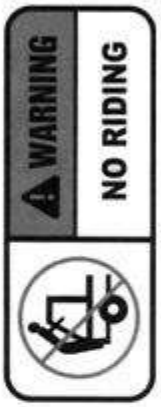
Skidding or Sliding

The terrain surface can be a major factor affecting turns, Skidding a turn is more likely to occur on slippery surfaces such as snow, ice, mud and loose gravel. If you skid on ice, you may lose all directional control. To avoid skidding on slippery terrain, keep you speed low and drive carefully.

Safety lables

A this section presents some of the most important information and recommendations to help you drive your Off Highway Recreational Vehicles safely, please take a few moments to read these pages.

The labels are considered permanent parts of the Off Highway Recreational Vehicles. If a label comes off or becomes hard to read, contact your dealer for warning labels replacements.



Are you ready to drive?

Before each drive, you need to make sure you and your Off Highway Recreational Vehicles are both ready to drive. To help get you prepared, this section discusses how to evaluate your driving readiness, what items you should check on your Off Highway Recreational Vehicles, and adjustments to make for your comfort, convenience, or safety.

Before you drive your Off Highway Recreational Vehicles for the first time, we urge you to do following:

- Read this owner's manual and the labels on your Off Highway Recreational Vehicles carefully.
- Make sure you understand all the safety messages.
- Know how to operate all the controls.
- Never drive this Off Highway Recreational Vehicles if under 16 years old.

Before each drive, be sure:

- You feel well and are in good physical and mental condition.
- You are wearing an approved motorcycle helmet (with chin strap tightened securely), eye protection, and other protective clothing.
- You don't have any alcohol or drugs in your system.

Protective Apparel

For your safety, we strongly recommend that you always wear an approved motorcycle helmet, eye protection, boots, gloves, long pants, and long-sleeved shirt or jacket whenever you drive.

Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you drive.

The following suggestions will help you choose the proper driving gear.

Helmets and Eyes Protection

Your helmet is your most important piece of driving gear because it offers the best protection against head injuries. A helmet should fit your head comfortably and securely.

An open-face helmet offers some protection, but a full-face helmet offers more. Regardless of the style, look for a DOT (Department of Transportation) sticker in any helmet you buy. Always wear a face shield or goggles to protect your eyes and help your vision, date 070202.

⚠ WARNING

Operating this Off Highway Recreational Vehicles without wearing an approved motorcycle helmet, eye protection, and protective clothing could increase your chances of head and/or eye injury, possibly death in the event of severe accident.

Always wear approved motorcycle helmet that fits properly and wear eye protection (goggles or face shield), gloves, boots, long-sleeved shirt or jacket and long pants.

Additional Driving Gear

In addition to a helmet and eye protection, we also recommend:

- Sturdy off-road motorcycle boots to help protect your feet, ankles, and lower legs.
- Off-road motorcycle gloves to help protect your hands.
- Driving pants with knee and hip pads, a driving jersey with padded elbows, and a chest/shoulder protector.

Drive Training

Developing your driving skills is an on-going process. Even if you have driven other Off Highway Recreational Vehicless, take time to become familiar with how this Off Highway Recreational Vehicles works and handles. Practice driving the Off Highway Recreational Vehicles in a safe area to build your skills. Do not drive in rough terrain until you get accustomed to the Off Highway Recreational Vehicles's controls, and feel comfortable with its size and weight.

⚠ WARNING

Operating Off Highway Recreational Vehicles without proper instruction could increase your risk of an accident which could lead to serious injury or death.

⚠ WARNING

Attempt supporting with your hands to the ground when the Vehical turning over could lead to serious injury or death.
Never support with your hands to ground when the Vehicles will turn over.

Age Recommendation

It is strongly recommended that no one under the age of 16 be permitted this Off Highway Recreational Vehicles without adult supervision.

⚠ WARNING

A child driving a Off Highway Recreational Vehicles that is not recommended for his/her age could lose Off Highway Recreational Vehicles control and result in severe injury or death.
A child under 16 should have adult supervision when operate on the Off Highway Recreational Vehicles.

No Alcohol or Drugs

Alcohol, drugs and Off Highway Recreational Vehicles don't mix. Even a small amount of alcohol can impair your ability to operate a Off Highway Recreational Vehicles safely. Likewise, drugs, even if prescribed by a physician, can be dangerous while operating a Off Highway Recreational Vehicles. Consult your doctor to be sure it is safe to operate a vehicle after taking medication.

WARNING

Operating this Off Highway Recreational Vehicles after consuming alcohol or drugs can seriously affect your judgment, cause you to react more slowly, affect your balance and perception, and could result in serious injury or death.

Never consume alcohol or drugs before or while operating this Off Highway Recreational Vehicles.

Is your vehicle ready to drive?

Before each drive, it is important to inspect your Off Highway Recreational Vehicles and make sure any problems you find are corrected. A pre-drive inspection is a must, not only for safety, but because having a breakdown, or even a flat tire, can be a major inconvenience.

If your Off Highway Recreational Vehicles has overturned or has been involved in a collision, do not drive it until your Off Highway Recreational Vehicles has been inspected by your dealer, There may be damages or other problems you cannot see.

WARNING

Improperly maintaining this Off Highway Recreational Vehicles or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or die.

Always perform a pre-drive inspection before every drive and correct any problems.

Pre-drive Inspection

Check the following items before you get on the Off Highway Recreational Vehicles:

Engine Oil

Check the level and add oil if needed. Check for leaks.

Coolant

Check the coolant and add coolant if need. Check for the leaks.

Fuel

Check the level and add fuel if needed. Also make sure the fuel fill cap is securely fastened. Check for leaks.

Tires

Use a gauge to check the air pressure. Adjust if needed. Also look for signs of damages or excessive wear.

Nuts & Bolts

Check the wheels to see that the axle nuts are tightened, Use a wrench to make sure all accessible nuts, bolts, and fasteners are tight.

Pre-drive Inspection

Underbody & Exhaust System

Check for, and remove any dirt, vegetation or other debris that could be fire hazard or interfere with the proper operation of the Off Highway Recreational Vehicles.

Air Cleaner

Check the air filter. Replace it if needed.

Leaks, Loose Parts

Walk around you Off Highway Recreational Vehicles and look for anything that appears unusual, such as a leak or loose cable.

Lights

Make sure the headlight, brake light and tail light are working properly.

Throttle

Check the free play and adjust if needed. Press the throttle to make sure it moves smoothly without sticking, and snaps back automatically when it is released.

Clutch cable

Check the free play of clutch cable and adjust if needed. Press the clutch cable to make sure it moves smoothly without sticking, and snaps back automatically when it is released.

Brakes

Press the brake pedal several times, check for proper brake pedal free play. Make sure there is no brake fluid leakage.

Engine Stop

When engine is running, turn the switch key counterclockwise. Make sure engine stops.

Steering Wheel

Check that the wheels turn properly as you turn the steering wheel.

Cable

Check the cable housing for wear. Check the fittings are tight. Replace or tighten as needed.

Tie rod

Check the tie rod housing for wear. Check the fittings are tight. Replace or tighten as needed.

Safe driving precautions

Off-road use only

You’r Off Highway Recreational Vehicles and its tires are designed and manufactured for off-road use only, not for pavement. Driving on pavement can affect handling and control. You should not drive your Off Highway Recreational Vehicles on pavement.

⚠ WARNING

Operating this Off Highway Recreational Vehicles on paved surfaces may seriously affect handling and control of the Off Highway Recreational Vehicles, and may cause the vehicle to go out of control.

Never operate the Off Highway Recreational Vehicles on any paved surfaces, including sidewalks, driveways, parking lots and streets.

When driving off-road, also remember to always obey local off-road driving laws and regulations. Obtain permission to drive on private property. Avoid posted areas and obey “no trespassing” signs.

You should never drive your Off Highway Recreational Vehicles on public streets, roads or highways, even if they are not paved. Drivers of street vehicles may have difficulty seeing and avoiding you, which could lead to a collision. In many states it is illegal to operate Off Highway Recreational Vehicless on public streets, roads and highways.

⚠ WARNING

Operating this Off Highway Recreational Vehicles on public streets, roads or highways can cause collision with other vehicle.

Never operate this Off Highway Recreational Vehicles on any public streets, roads or highways, even a dirt or gravel one.

Keep Hands and Feet on Controls

Always keep both hands on the steering wheel and both feet on the foot controls. When driving your Off Highway Recreational Vehicles. It is important to maintain your balance and control of the Off Highway Recreational Vehicles. Removing hands or feet away from the controls can reduce your ability to react and control the vehical.

WARNING

Removing hand from Steering wheel or feet from foot controls during operation can reduce your ability to control the Off Highway Recreational Vehicles or could cause you to lose your balance and fall off the Off Highway Recreational Vehicles.

Always keep both hand on the steering wheel and both feet on the foot controls of your Off Highway Recreational Vehicles during operation.

Control Speed

Driving at excessive speed increases the chance of an accident. In choosing a proper speed, you need to consider the capability of your Off Highway Recreational Vehicles, the terrain, visibility and other operating conditions, plus your own skills and experience.

WARNING

Operating this Off Highway Recreational Vehicles at excessive speeds increases your changes of losing control of the Off Highway Recreational Vehicles, which can result in an accident.

Always drive at a speed that is proper for your Off Highway Recreational Vehicles, the terrain, visibility and other operating conditions, and your experience.

Use Care on Unfamiliar or Rough Terrain

Before driving in a new area, always check the terrain thoroughly. Don't drive fast on unfamiliar terrain or when visibility is limited. (it's sometimes difficult to see obstructions like hidden rocks, bumps, or holes in time to react).

WARNING

Failure to use extra care when Operating this Off Highway Recreational Vehicles on unfamiliar terrain could result in the Off Highway Recreational Vehicles overturning or going out of control.

Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the Off Highway Recreational Vehicles.

Never drive past the limit of visibility. Maintain a safe distance between your Off Highway Recreational Vehicles and other off-road vehicles. Always exercise caution and use extra care on rough, slippery and loose terrain.

⚠ WARNING

Failure to use extra care when operating on excessively rough, slippery or loose terrain could cause loss of traction or vehicle control, which could result in an accident, including an overturn.

Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the Off Highway Recreational Vehicles on such terrain. Always be especially cautious on these kinds of terrain.

Do Not Perform Stunts

You should always operate your Off Highway Recreational Vehicles in a safe and reasonable manner. When driving, always keep all four wheels on the ground.

⚠ WARNING

Attempting wheelies and other stunts increases the chance of an accident, including an overturn.

Never attempt stunts, such as wheelies or jumps. Don’t try to show off.

Specifications

DIMENSIONS

Overall Length----------113 in. (2880mm)
Overall Width ---------- 62 in. (1570mm)
Overall Height ---------- 70in. (1777mm)
Wheelbase ---------- 81 in. (2050mm)
Front Track ---------- 51 in. (1300mm)
Rear Track ----------51in. (1300mm)
Ground Clearance ---------- 11in. (280mm)

ENGINE

Type ---------- 2-Bore,4-Stroke, Liquid-cooled
Bore x Stroke ---------- 76mm×71mm
Displacement ---------- 644 cc
Compression ratio ----------8.4:1
Carburetor ---------- BJH101E or CSH101E
Max Power ----------20.6kw/5300rpm
Maximum Torque ----------44/2700~3300Nm/r/min
Starting ---------- Electric
Ignition ---------- C.D.I
Lubrication ---------- Force & Splash
Transmission ---------- manual clutch, 4 shift/Reverse
Spark Plug ----------F6T or F6TC
Plug gap ---------- 0.7±0.1mm
Fuel type ---------- RQ93 (unleaded)
Lubricate oil ---------- SAE-15W/30

CAPACITIES

Maximum load ----------200kg
Fuel tank ---------- 23.0L
Engine oil ----------2900ml
Coolant ----------4000ml
Starting ---------- <5s
Climbing ---------- 20°-25°
Battery ---------- 12V36Ah
Head Light ----------12V 150W/Both
Tail Light ---------- 12V 80W/Both
Fuse ----------30A

SPECIFICATIONS

Brake Track ---------- < 7m @ 20miles/h
Top speed ---------- 50 miles/h (or limited as customers require)

CHASSIS

Front, Rear brake ---------- Hydraulic disc, right foot control
Front tire ---------- 25×10-12
Rear tire ---------- 25×8-12
Front Suspension ---------- Independent Dual A-Arm
Rear Suspension ---------- Independent Dual A-Arm
Final Drive ---------- shaft driven

TIRE PRESSURE

Front ---------- 70kpa 0.7kg/c ㎡ 10psi
Rear ---------- 70kpa 0.7kg/c ㎡ 10psi

WEIGHT

Net Weight ----------460kg

WARRANTY

Parts and workmanship ---------- 90 Days

Operation

Operation controls

WARNING-Do not attempt to start or operate the engine until completely familiar with the location and use of each control necessary to operate this vehicle. The operator must know how to stop this machine before starting and driving it.

Throttle

The right foot pedal is the throttle that controls the Off Highway Recreational Vehicles speed. To disengage the clutch at any time, allow the throttle to return to the idle position. **(See Fig. 1)**

WARNING

Each time prior to starting the engine, check the throttle assembly to ensure that when pedal is pushed all the way forward the assembly is working smoothly and returns to idle when released. Do not operate if pedal or engine throttle linkage fail to return to idle. If unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact your dealer for assistance.

Brake

The brake is located on the middle of the three control pedals (**See Fig. 1**). Applying pressure to the pedal applies pressure to the brake caliper around the brake disc at the front and rear wheels and slows or stops the vehical.

Clutch

The left foot pedal controls the clutch cable **(See Fig. 1)**. With the pedal down, you can shift the shift lever.

WARNING

Improper operation of the clutch will lead to excessive wear of the clutch friction surface.

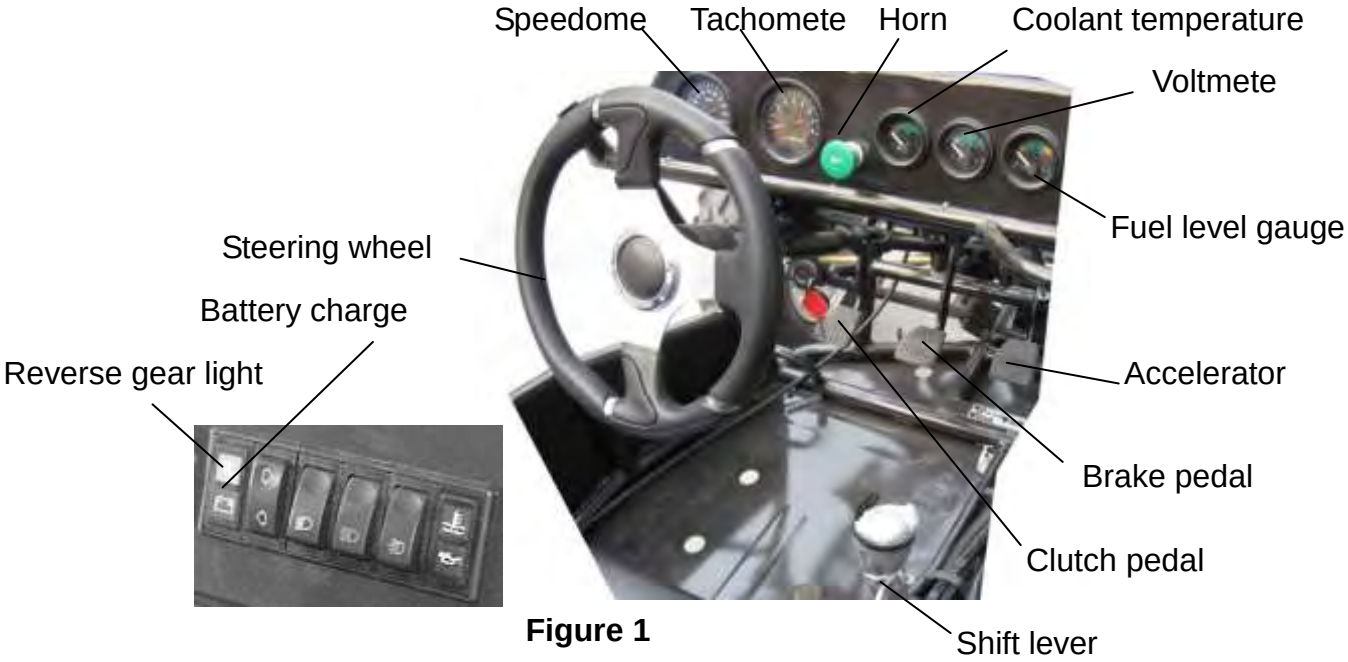


Figure 1

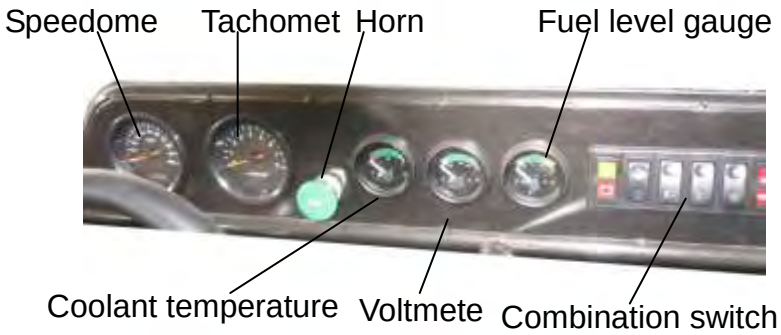


Figure 2

Start engine

1. Engage the park brake
2. Press the clutch pedal down, put the shift lever in neutral
3. Insert the key into the Ignition-switch

If the engine is cold

1. Pull the choke out fully
2. Press down the clutch pedal
3. Turn the key clockwise to the “on” position. Release the key and the clutch pedal when the engine starts.
4. Push the choke back slowly to allow the engine to run smoothly. Keep engine running for 1-2 minutes.
5. Push the choke back fully. If the idle of engine is not smooth, pull out the choke to find the best running position and keep running for a while long until the engine runs smooth without choke.

If the engine is warm

Press the throttle slightly and turn the key clockwise to the “on” position, release the key and the throttle when the engine starts.

WARNING

Each time prior to starting the engine, check the throttle assembly to ensure that when pedal is pushed all the way forward the assembly is working smoothly and returns to idle when released. Do not operate if pedal or engine throttle linkage fail to return to idle. If unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact your dealer for assistance.

WARNING

Before you start the engine, check that the parking brake is engaged, and the gear shift lever is in neutral. Trying to start the engine in gear may damage the starter motor, clutch or gearbox.

WARNING

Release the key at once if the engine starts. Holding the key in start position when the engine is running will cause damage to the starter motor.

WARNING

If the engine does not start after 10 seconds, a second attempt to start the engine can be allowed. Improper operation will damage the engine.

Engine stop key

Stop key test.

Before driving this vehicle, test the Engine Stop key to assure that it is operating properly. With the engine running, turn the key counterclockwise to the “off” position for the engine to shut down.

Pre-Drive Inspection

WARNING

Perform this pre-drive inspection every day before driving vehicle. If not performed, serious damage to the vehicle or personal injury may result.

1. Check for Engine Oil Level. Check for transmission Oil Level. Check for leaks, add oil if required. (See page 36, Engine oil replacement, and page 37Transmission lubrication)
2. Check the coolant. Check for leaks, add the coolant if required. (See page38 Engine Coolant)

3. Check for Fuel Level. Add fuel as necessary and do not overfill. Check for leaks.(see Figure 3)

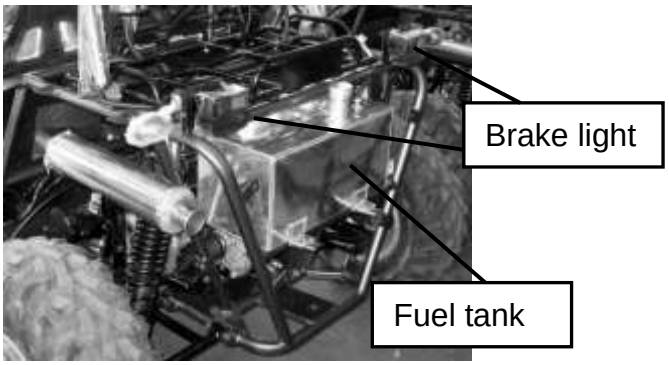


Figure 3

4. Check for Brakes. Depress the brake pedal several times, and then check for proper brake pedal free play. Make sure there is no brake fluid leakage. Adjust if necessary.

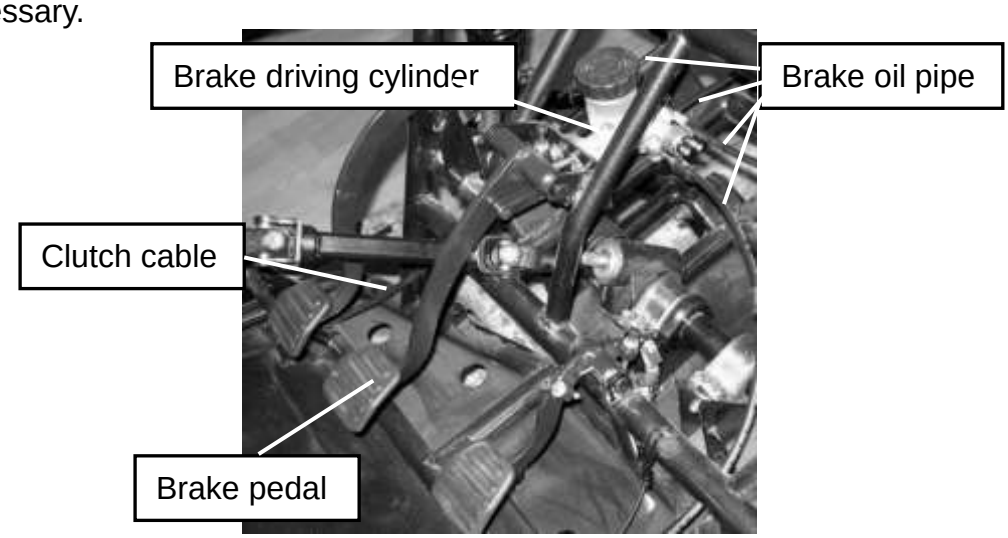


Figure 4

5. Check the clutch cable, Assure the cable snaps back and has a smooth operation. Ensure the clutch can operate smoothly. Adjust if necessary, or replace the clutch if necessary. (See Figure 4)
6. Check Tires. Check tires condition and pressure. The pressure on both Front and Rear tire is 12psi.(see Figure 5)

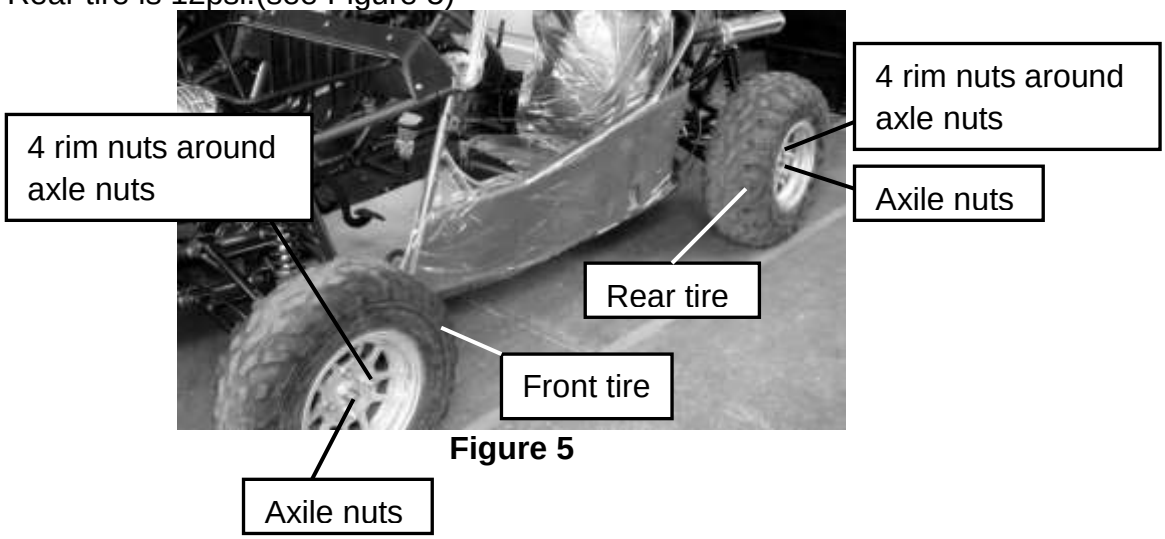


Figure 5

7. Check Throttle. Check for smooth operation. Ensure the throttle “snaps” back to idle. (See Figure 4)
8. Check Engine Stop key. Perform engine stop key test. Repair as necessary. (See page31 Engine stop key)
9. Check all Nuts, Bolts, and fasteners. Check wheels to see that all axle nuts and rim nuts are tightened properly. Check and tighten as necessary all other fasteners to specified torque.
10. Check Roll Bars. Ensure all protective roll cage bars are in place before operating the Off Highway Recreational Vehicles. (See page 124 Attach roll bar)
12. Check Brake Light. Check for proper operation. (Figure 4)
13. Check Wheels. Check for tightness of wheel nuts and axle nuts; check that axle nuts are secured by cotter pins. (See Figure 4)
14. Check Steering. Check for free operation and for any unusual looseness in any area.(see Figure 6)

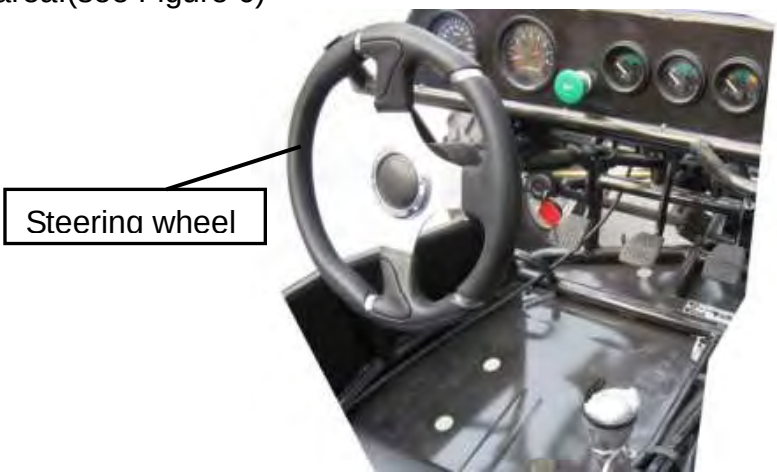


Figure 6

WARNING

Always follow rules for safe operation and wear a helmet.

Passengers

The vehicle allows for two riders only. Combined maximum weight of driver and the passenger should not exceed 180kg or 400lbs.

Seat

The seat must always be securely fastened in the position which best allows the operator control of the foot pedals, steering wheel, and the remote stop key.

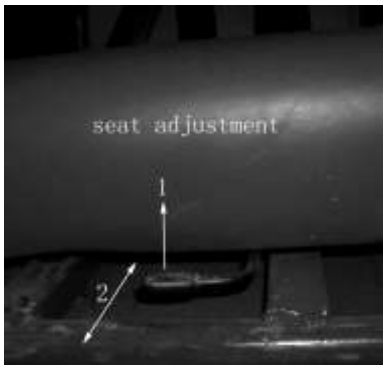


Figure 7

A. Pull seat adjustment handle upward to disengage seat slide.

B. Move seat to desired position.
C. Be sure seat adjustment handle snaps back into place and that seat is locked into position. (**See** Figure 7)

WARNING

Before attempting to adjust the seat ensure that engine of the Off Highway Recreational Vehicles is stopped.

WARNING

Never operate this Off Highway Recreational Vehicles when the provided seat is not securely fastened, to do so could result in a strong possibility of severe personal injury or loss of life. Before attempting to adjust the seat ensure that engine of Off Highway Recreational Vehicles is stopped.

Parking

Park brake "OFF"

Figure 9

Park brake "On"

Figure 8

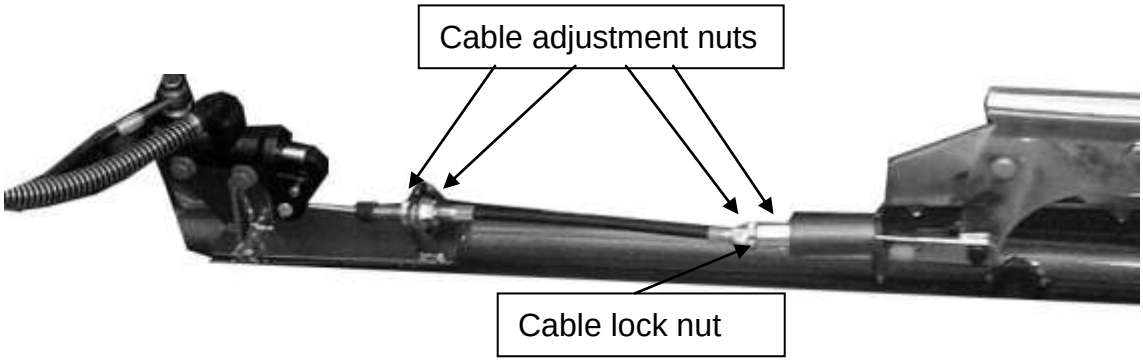


Figure 10

a. Pull the park brake lever up so that the unit can engage park brake.
b. To release the unit, press button on front end of parking lever then push the parking lever to the bottom.
c. Adjust the parking cable if necessary. As the figure shown, adjust the adjustment nuts to make sure the cable tight, and then tighten lock nuts.

Gear Shift

Figure 11

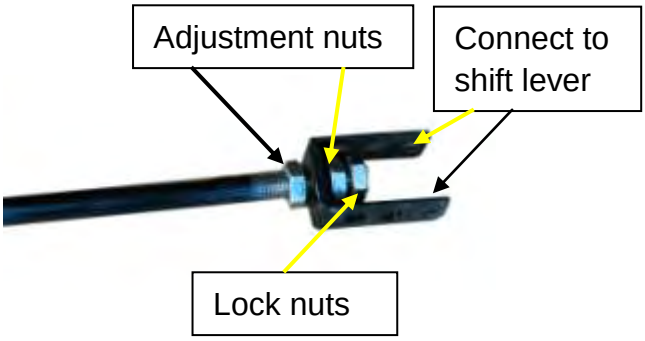


Figure 12

1. Operate the gear shift as the picture shown. and the max speed in every gear position is shown as the following form（see Figure 11）

Gear position	Max speed
1st	26 km/h
2nd	37km/h
3rd	50 km/h
4th	80km/h
R	32 km/h

Figure 13

2. Adjust the adjustment nuts shown in the above picture, if necessary. To make sure the shift lever right position. (see Figure 12)

Break-in

The first month is most important in the life of your vehicle. Proper operation during this break-in period will help assure maximum life and performance from your new vehicle. The following guidelines explain proper break-in procedures.

1. After the engine starts, the engine is not allowed in high speed in the neutral gearshift.
2. Drive vehicle from stop to low speed slowly.
3. Avoid braking strongly.
4. Do not exceed the vehicle speed on the below schedule

The speed of vehicle	The first 1000 km		
Max speed in each gear	1st	Gear	15 km/h
	2nd	Gear	25km/h
	3rd	Gear	40 km/h
	4th	Gear	70km/h

Figure 14

Starting and Operating Instructions

a. Before starting the engine, be sure that the driver is seated properly in the Off Highway Recreational Vehicles and tighten the seatbelt.

b. Testing the Off Highway Recreational Vehicles in a open place at the beginning to learn how to start, turn and stop.

c. Operate the Off Highway Recreational Vehicles slowly until you are familiar

with it.

d. The turning radius of this Off Highway Recreational Vehicles is small and agile, so the centrifugal force is very high when turning at high speed. Slow down to a more controllable speed when turning to prevent the Off Highway Recreational Vehicles from rolling over.

e. To prevent vehicle from rolling over, be sure to only turn the vehicle at a slow more controllable speed.

Service instructions

Air filter

Service air cleaner every 80 hours

NOTE: Service more often under dusty conditions.

Remove filter cover,

Check the filter cover and the air filter for dusty,

If necessary, clear the filter cover and the filter with special liquid or replace them with a new one. (**See** Figure 15)

Filter cover

Figure 15

Engine oil replacement

You must change the oil in the crankcase refer to preventative maintenance and service log. That will insure proper lubrication of internal parts and prevent costly repairs due to excessive wear.

Figure 17

Figure 16

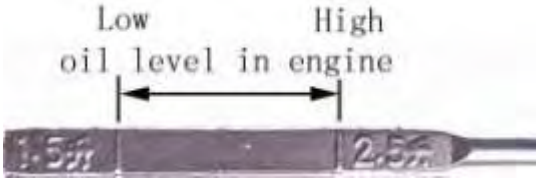


Figure 18

Figure 19

With the engine warm, put the vehicle on the level ground.

a. Shut down the engine; put a collecting oil plate under the engine oil outlet. Loosen the oil outlet plug in the warm engine. Let the engine oil out fully **(see** Figure 17**).**

b. Tighten the engine oil outlet plug.

c. Remove the oil filler cap **(see** Figure 16**),** fill oil (**SAE 10W/10～50)** about 2.8 liters to the engine.

d. Pull out the engine oil dip stick **(see** Figure 16**),** confirm the corrective oil level in the crankcase **(see** Figure 19**).**

Check engine oil and recharge

a. If the color of engine oil changes, you need to replace the engine oil. Replace the engine oil as above.

b. Check the engine oil level, change if necessary from **d** as above.

Transmission lubrication

You must change the oil in the transmission after the first 5 hours of operating of your new engine and after 10 hours of use thereafter. That will insure proper lubrication of internal parts and prevent costly repairs due to excessive wear.

Figure 21 **Figure 20**

a. Put the vehicle on the level ground.

b. Shut down the engine, put a collecting oil plate under the transmission oil outlet. Loosen the oil outlet plug in the warm engine. Let the transmission oil out fully **(see** Figure 20**).**

c. Remove the iron dust plug, this plug has a magnet on it. Iron dust caused by moving parts will stick to the plug. Clean the iron dust from this dust plug.

d. Tighten the transmission oil outlet plug and the iron dust plug.

e. Remove dipstick of transmission **(see Fig. 14),** fill oil (**GL5 80W/90)** about 1.9 liters.

f. Insert the transmission dipstick**,** check the oil level in the transmission. Confirm the corrective oil level in the transmission **(see** Figure 21**).**

Check transmission oil

If the color of transmission oil changes, you need to replace oil. Replace transmission oil as above.

Engine Coolant

You must check the coolant for level and leaks. If it is low, you need to refill coolant into the radiator (approximately 4L). The lack of coolant will cause the engine to overheat. This can cause engine damage.
The coolant should always be topped up, since the coolant can evaporate.

Figure 22

Figure 23

Put the vehicle on level ground.

1. Turn the coolant cap counterclockwise and open the cap **(see** Figure 22 Figure 23**)**.
2. Pour fresh coolant to filler neck.
3. Start the engine at idle.
4. Increase the engine rev's a few times
5. Repeat 2,3,4 till the coolant is at neck and no bubbles come up.
6. Refit the coolant cap, turn it clockwise and tighten it
7. Turn the reserve coolant case cap counterclockwise and open the cap **(see** Figure 22 Figure 23**)**.
8. Pour fresh coolant of the specified type into the reserve coolant tank till the coolant reaches 2/5 to 3/5 of the reserve coolant tank volume.
9. Close the reserve coolant case cap, turn it clockwise and tighten it

Top up the reserve coolant

If the coolant in the reserve tank is less than 2/5, it needs to be topped up.

WARNING

Opening the radiator cap while the engine is hot can be hazardous.
Opening the radiator cap can spray the high temperature coolant in your eyes, face and any parts of your body. This can result in severe injury.
Never open the radiator cap while the engine is hot.

WARNING

New and used coolant can be hazardous.
Children and pets may be harmed by new or used coolant.
Continuous or brief contact with coolant may be dangerous for your health.
Keep new and used coolant away from the children and pets. To minimize your exposure to new and used coolant, wear a long sleeve shirt and moisture-proof gloves(such as dishwashing gloves) when you change coolant. If coolant contacts your skin, wash thoroughly with soap and water. Wash any clothing or rags if wet with coolant. Recycle or properly dispose of used coolant.

WARNING

Harm or damage may occur if use coolant that does not meet the specification 50% standard green coolant and 50%distill water.

Spark Plug

a. Remove the spark plug and inspect it each time you change the oil.
(Use a spark plug wrench) The electrodes should be kept clean and free of carbon.
The presence of carbon or excess oil will greatly reduce proper engine performance.
If possible, check the spark plug gap (area between electrodes) using a wire feeler gauge. This specification is 0.025”~0.030”.
b. Before installing spark plug coat threads lightly with graphite grease if possible, to ensure easy removal next time the spark plug needs inspection **(see** Figure 24**)**.

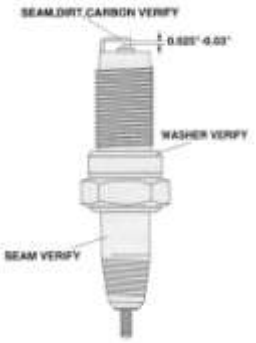


Figure 24

c. It is advisable to replace the spark plug at least once a year to insure easy starting and good engine performance.

Carburetor Adjustment

Never make unnecessary adjustments. The factory recommended settings

are correct for most applications. It's not necessary to disassemble the screw unless the carburetor needs to be replaced. Prepare a 50r/w tachometer before adjustment.

a. Warm up the engine (5~10min)
b. Tighten the air screw gently. Back out 2-3/8 turns counter clockwise **(see** Figure 25**)**.
c. Connect the tachometer, adjust the throttle to limit the idle speed. The standard value is (1400RPM).
d. Turn the air screw counter slowly and observe the RPM of the engine, stop adjusting as the RPM reaches the top speed.
e. Adjust the screw and adjust the idle speed to an ideal value.
f. Repeat step **d** and **e** until the rotate speed of engine stables.

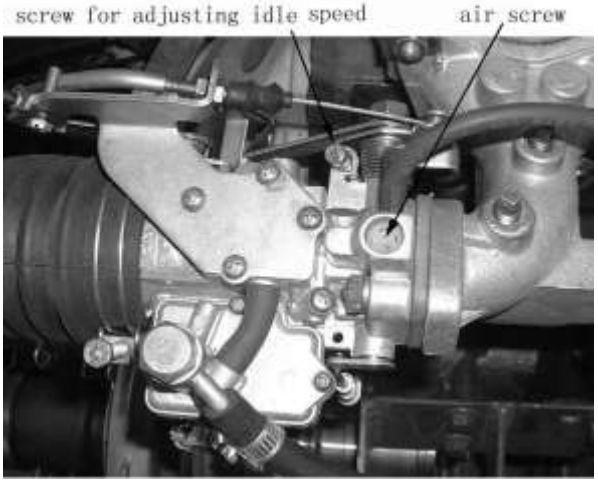


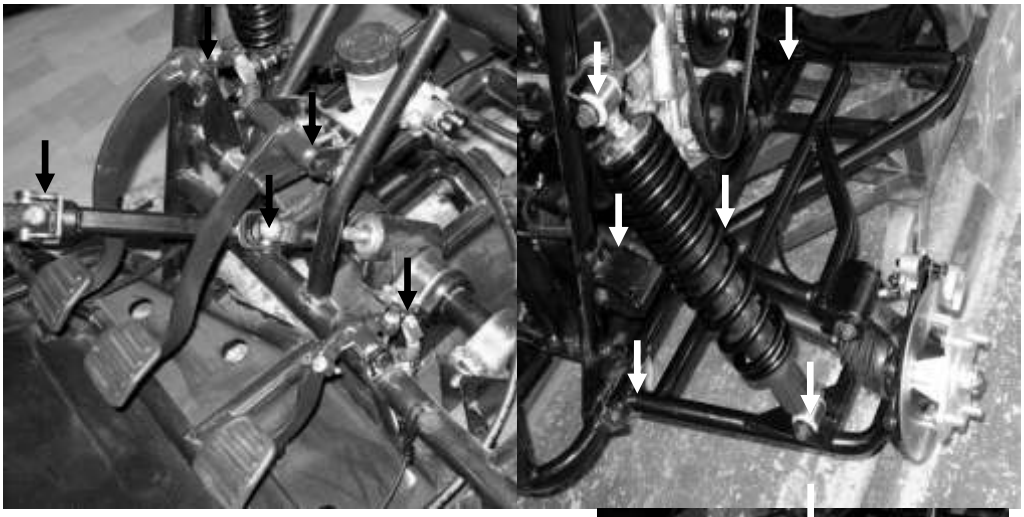
Figure 25

Cleaning Instructions

Keep your vehical clean. With a clean rag, wipe off and dirt and oil from around controls. Wipe off any spilled fuel and oil. Keep the engine clean of foreign object and be sure to check that air intake fan is free of debris for proper cooling.

Vehicles Lubrication

Lubricate vehicle every 90 days of use, Apply several drops of oil in specific points shown as following picture



Storage Instruction

In the event your vehical is not to be operated for periods in excess of 30 days or at the end of each driving season prepare for storage as follows:

a. Drain fuel tank and carburetor by allowing engine to run out of fuel, or use a fuel stabilizer.
b. Lubricate engine cylinder by removing the spark plug and pour one ounce of clean lubricating oil through the spark plug hole into the cylinder. Crank the engine slowly to spread oil and replace spark plug.
c. Do not save or store gasoline over winter. Using old gasoline, which has deteriorated from storage, will cause hard starting and affect engine performance.

WARNING

Do not drain fuel while engine is hot. Be sure to move Off Highway Recreational Vehicles outside before draining fuel.

Repair

Front Wheel Replacement

Do not disassemble the center castle nuts when you replace the front wheels.

(**See** Figure 26) Tighten the nuts after replacing the wheels.

Castle nuts

Torque:180±5 N.M

Wheel nuts

Torque:70±5 N.M

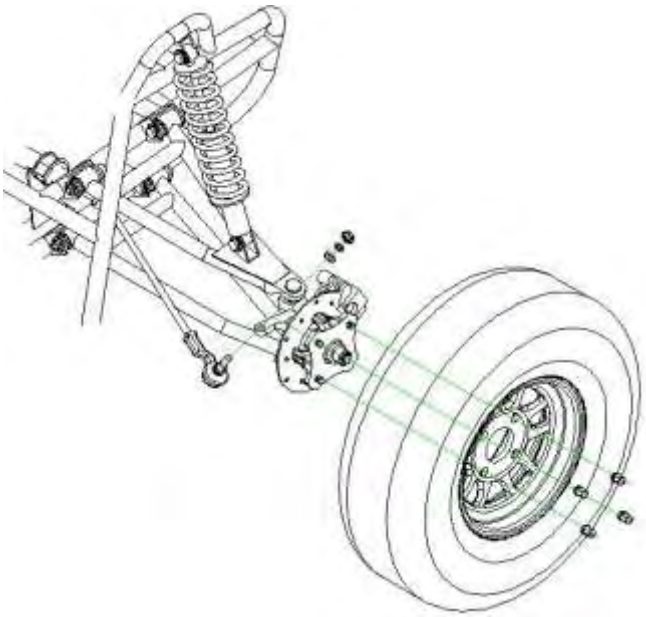


Figure 26

Rear Wheel Replacement

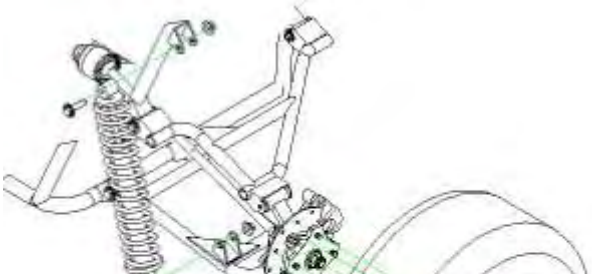
Do not disassemble the center castle nuts when you replace the rear wheels.

(**See** Figure 27) Tighten the nuts after replacing the wheels.

Castle nuts

Torque:180±5 N.M

Wheel nuts



Torque:70±5 N.M

Clutch replacement

Do not remove the whole engine from vehicle when you replace the clutch, but you'll need to remove rear suspension, driven shaft, clutch cable, muffler, wires and rubber cushion that is in the middle of transmission and frame.

1. Remove bolt M14 (**See** Figure 28)

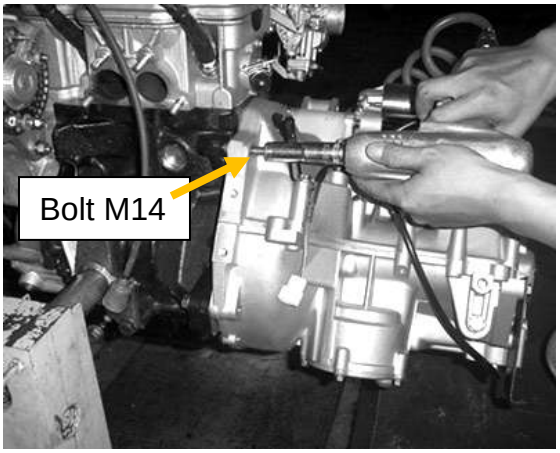


Figure 28

2. Remove two bolts (M12) on the starter (**See** Figure 30), Remove the starter (**See** Figure 29)

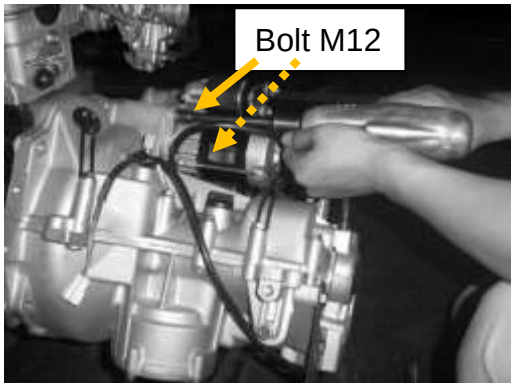


Figure 30

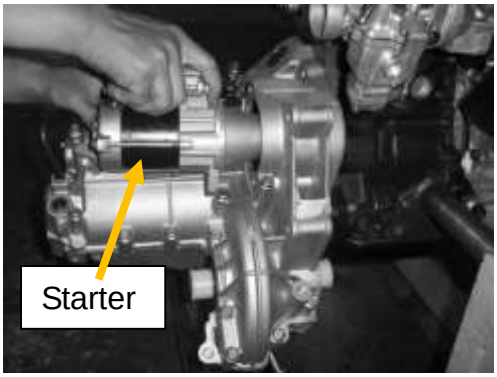


Figure 29

3. Remove two nuts (M14) on two side of transmission (**See** Figure 31**,**Figure 32)

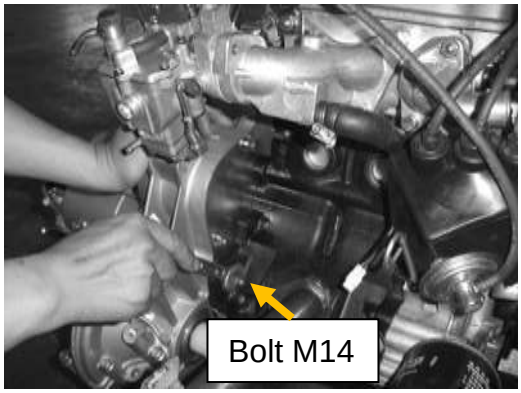


Figure 32

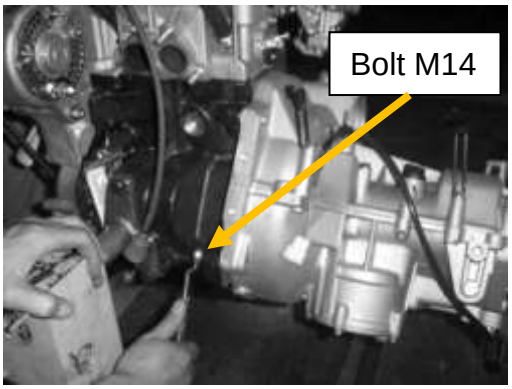


Figure 31

1. Remove two bolts(M8) on the lower mud plate of transmission (**See** Figure 33**,**Figure 34)

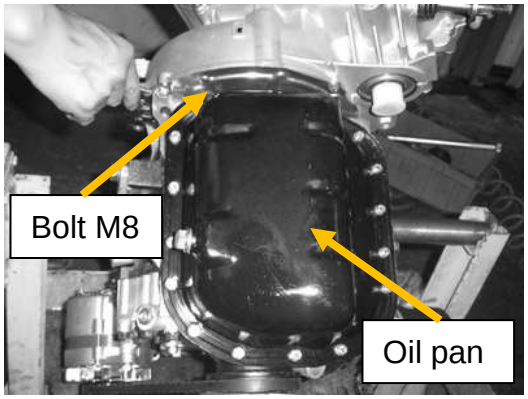


Figure 34

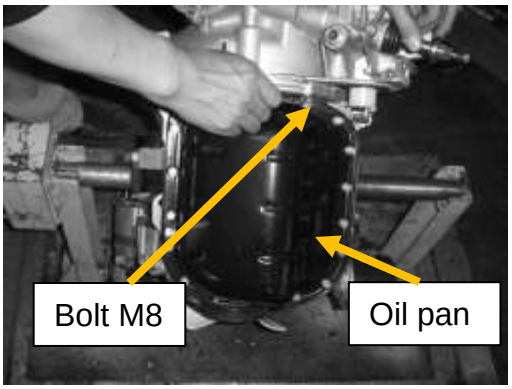


Figure 33

2. Remove the lower mud plate (**See** Figure 35).

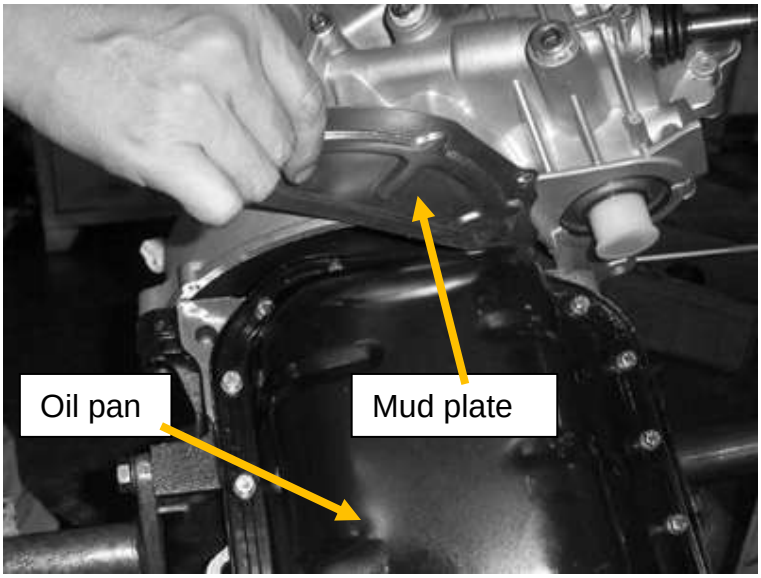


Figure 35

3. Remove the transmission (**See** Figure 36**,**Figure 37)

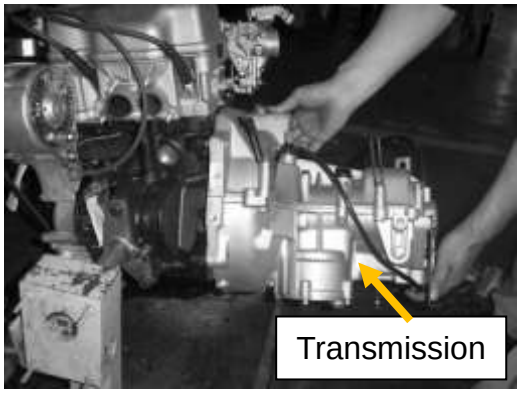


Figure 37

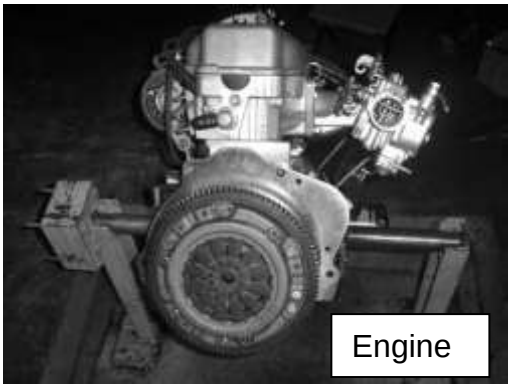


Figure 36

4. Remove upper mud plate (**See** Figure 38)

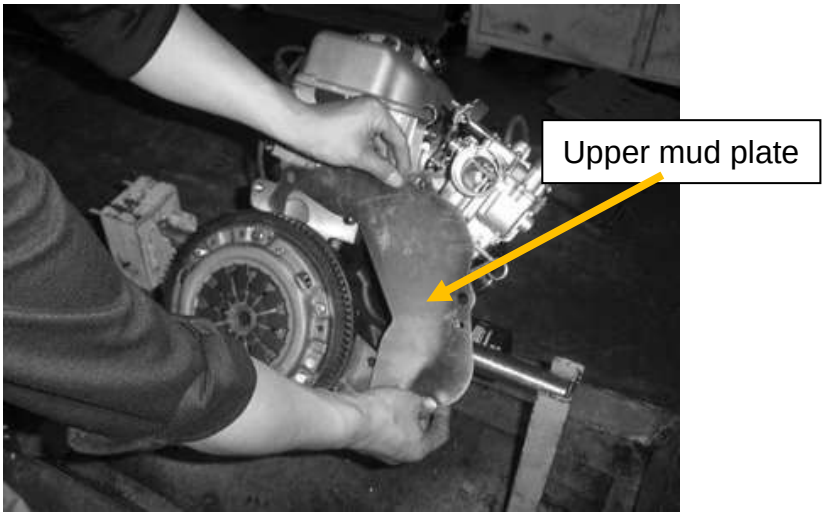


Figure 38

5. Insert the aligning shaft into hole (**See** Figure 40). Remove six bolts on the pressing plate of clutch (**See** Figure 39)

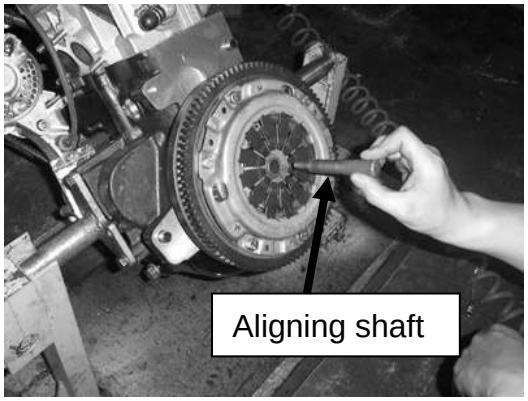


Figure 40

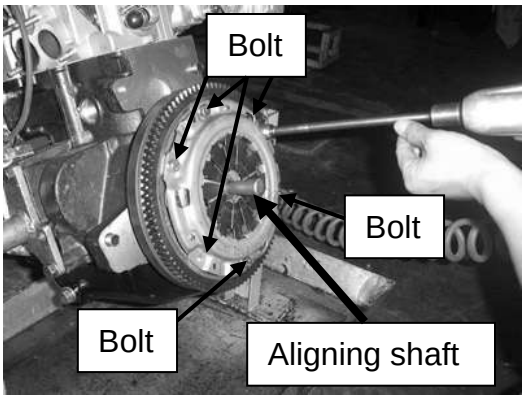


Figure 39

6. Remove the pressure plate (**See** Figure 42).
   Remove the friction disc of clutch (**See** Figure 41**,**Figure 43)

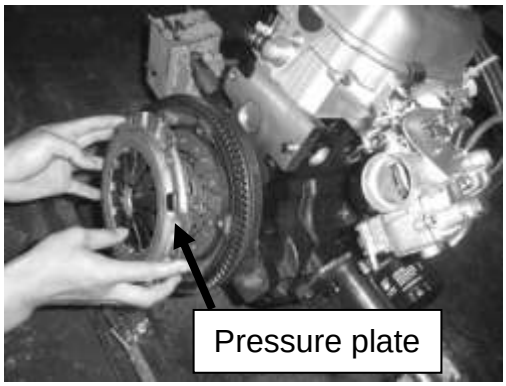


Figure 42

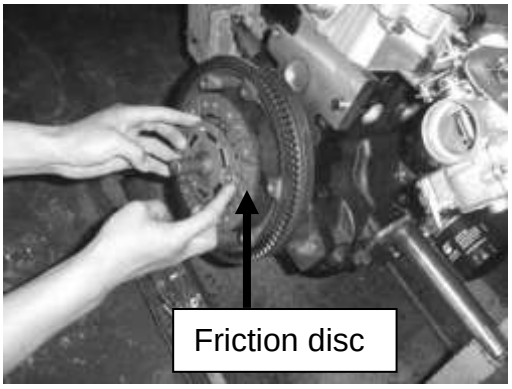


Figure 41

Figure 43

10. Insert the aligning shaft into the hole; align new friction plate to the flywheel of engine (**See** Figure 44**,**Figure 45).

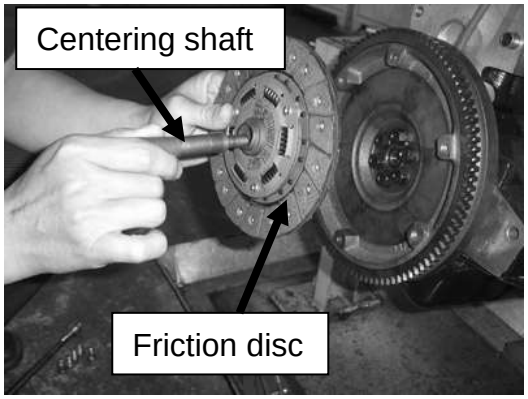


Figure 45

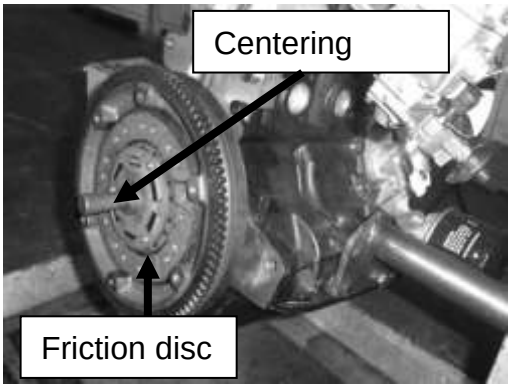


Figure 44

10. Fix pressure plate of clutch. Two bolts with “Y.G” mark must be inserted into two anchor holes. Tighten six bolts with torque 30 N.m (**See** Figure 46**,**Figure 47**)**.

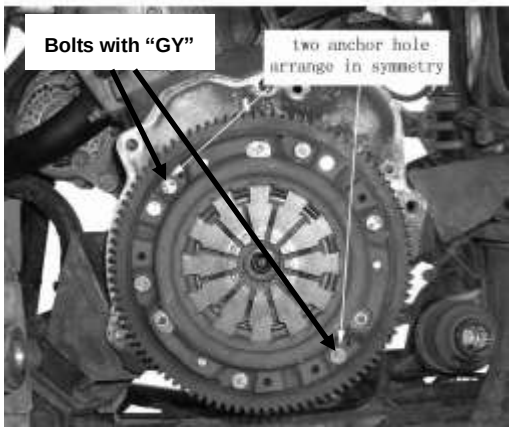


Figure 47

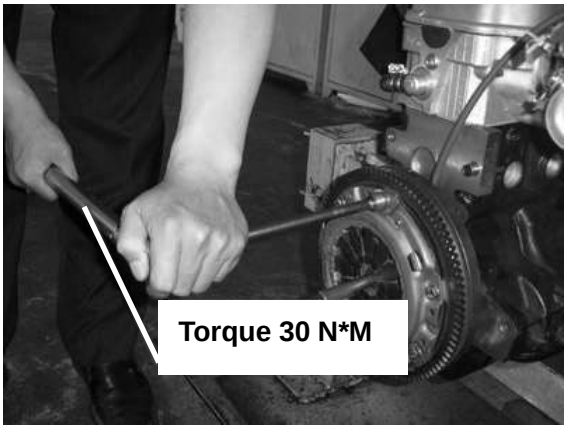


Figure 46

12. Fix upper mud plate (**See** Figure 48**,**Figure 49Figure 49)

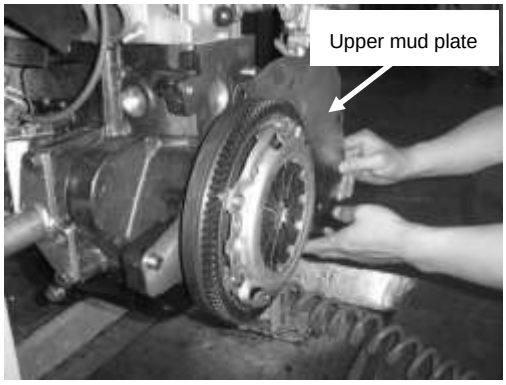


Figure 49

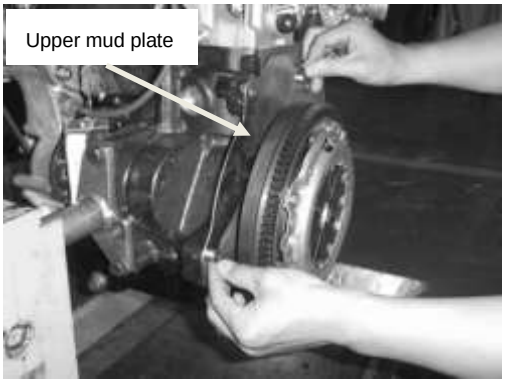


Figure 48

13. Fix parts according to reverse operation to the disassembly

Timing setup and balancing shaft setup

1. When the first piston locates top dead center, make sure the mark on camshaft timing sprocket wheel in the position shown as the following figure.
2. Make a mark between two holes as the Figure 51, and turn the left balancing shaft sprocket, make sure the mark on the balancing shaft sprocket aligned to the mark made at the beginning of this step.
3. Make a mark about 30mm above the bolt as the Figure 52, and turn the right balancing shaft sprocket; make sure the mark on the balancing shaft sprocket aligned to the mark made at the beginning of this step.
3. Fix guide plate, and tension plate
4. Fix the sprocket. Mark on the sprocket must be in straight line to the single white link on the timing chain. (See Figure 53)

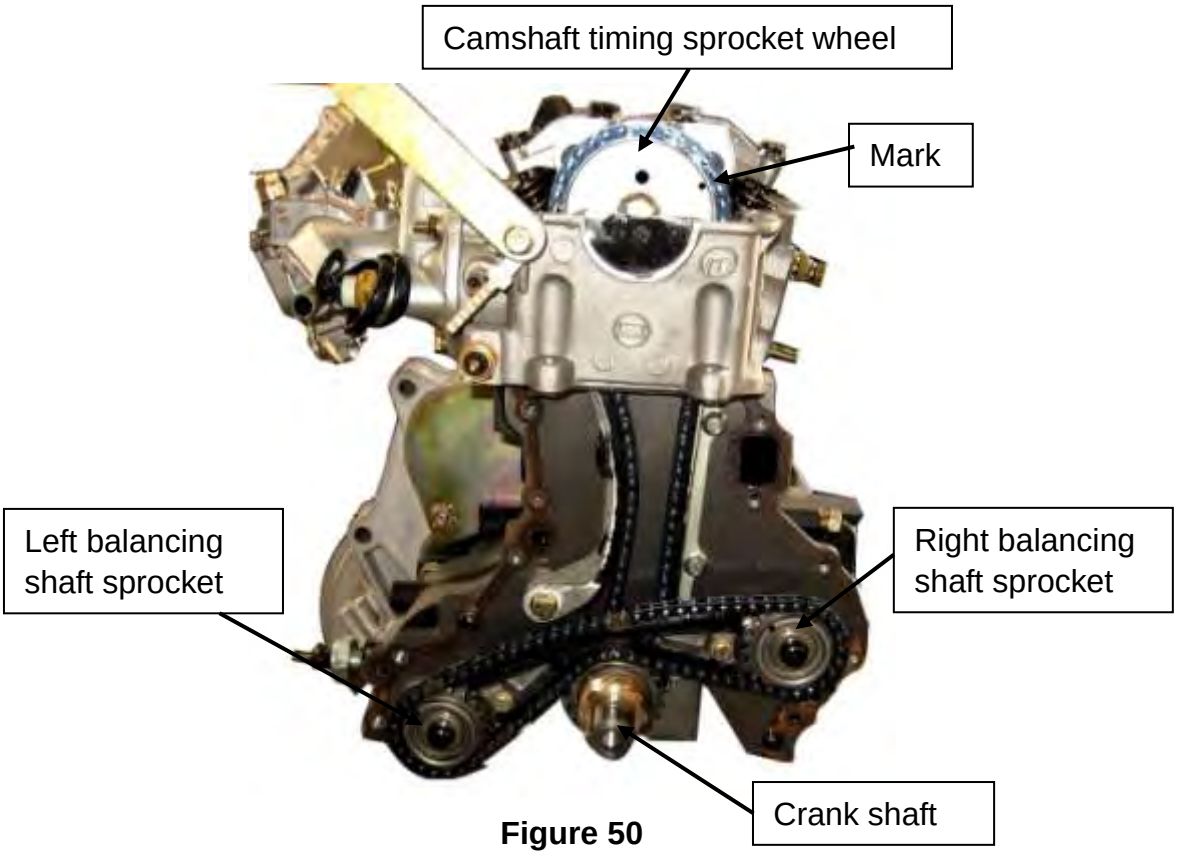

Camshaft timing sprocket wheel
Mark
Left balancing shaft sprocket
Right balancing shaft sprocket
Crank shaft

Figure 50

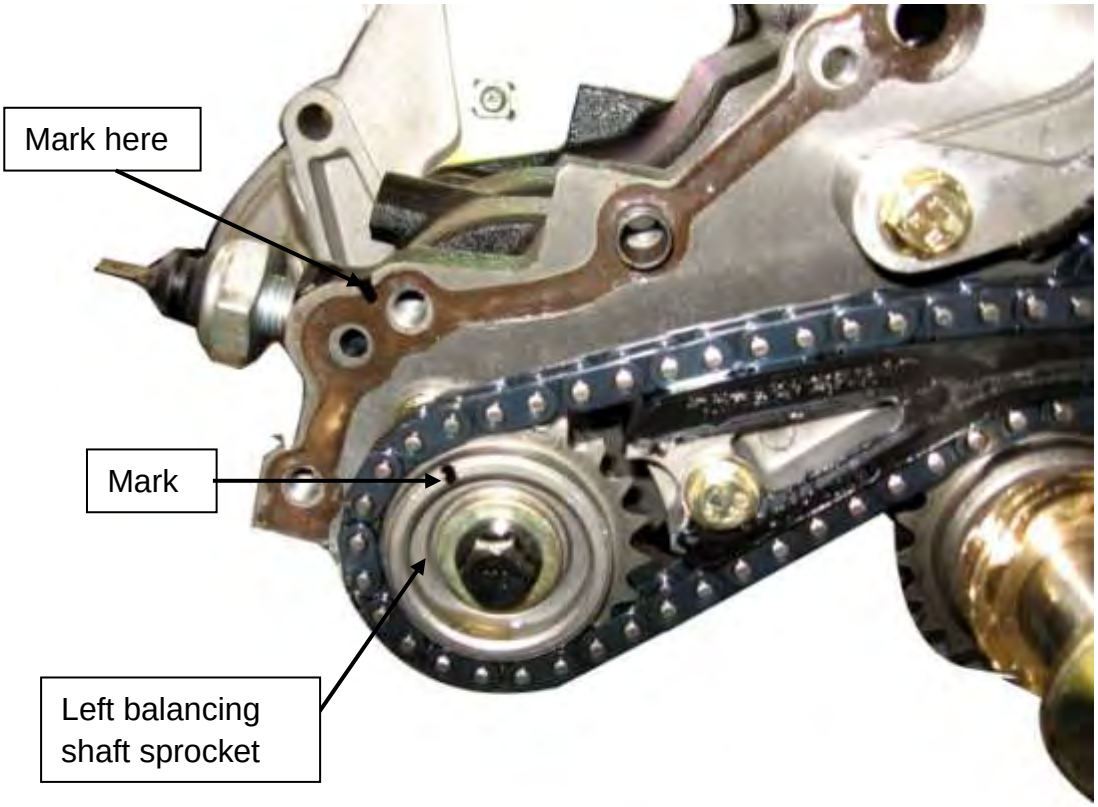


Figure 51

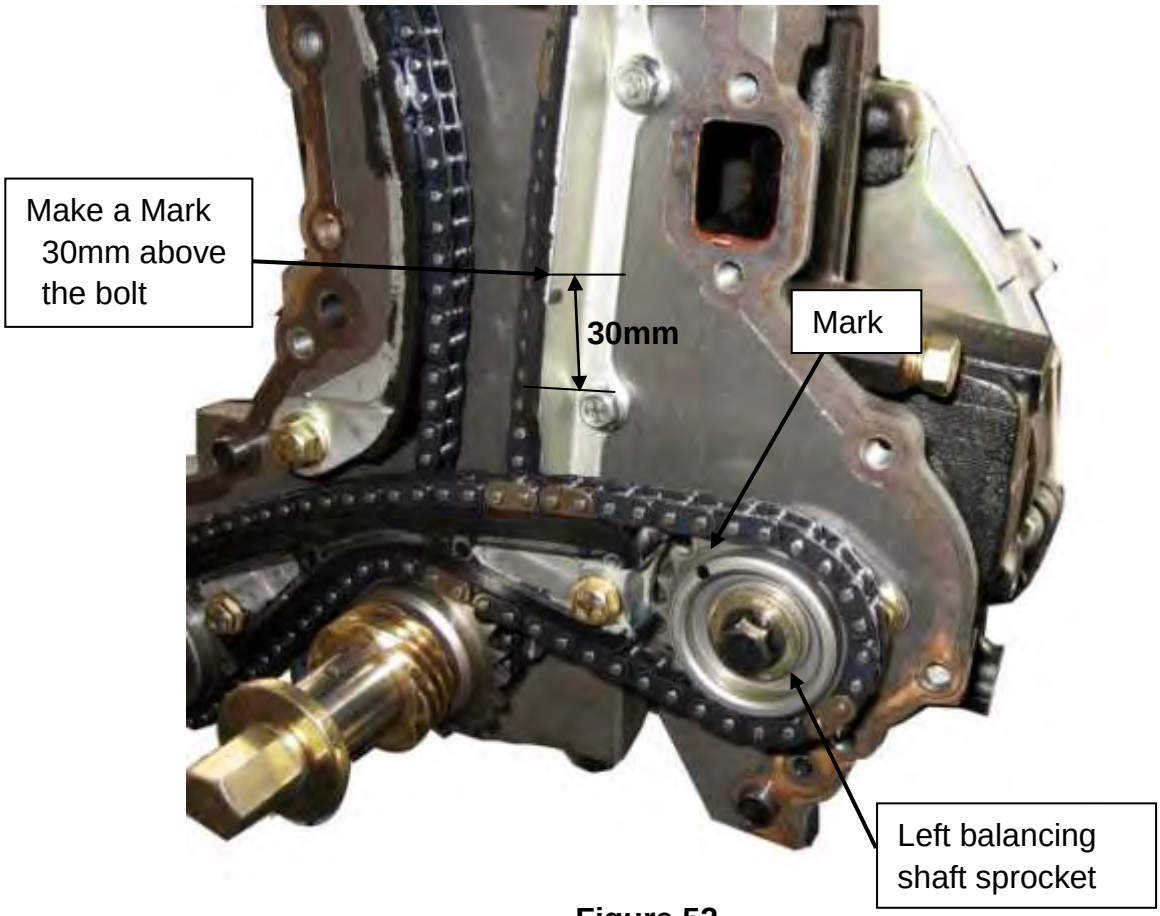


Figure 52

Water pump disassembly

1. Take off fan belt and loosen 4 bolt tightening water pump pulley.

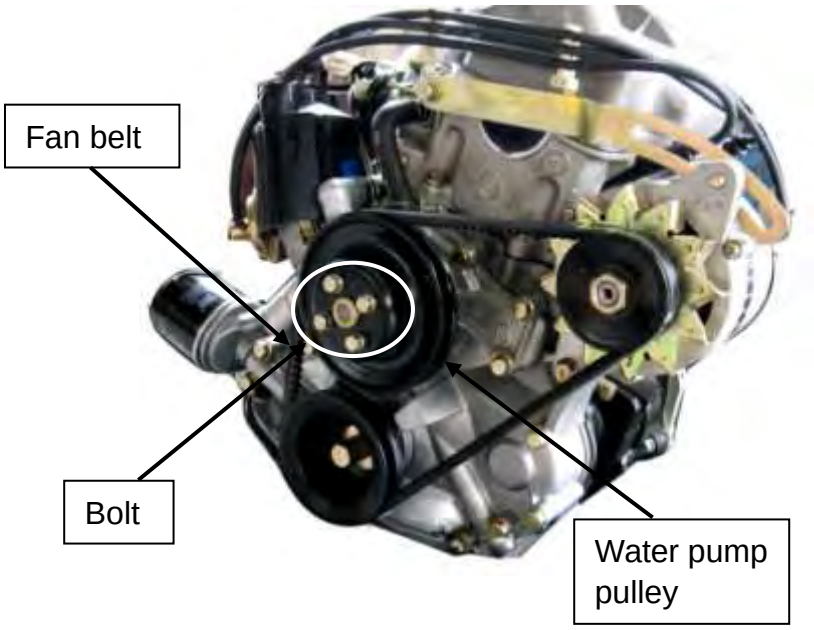


Figure 53

2. Loosen the 6 bolts shown as the Figure 54.

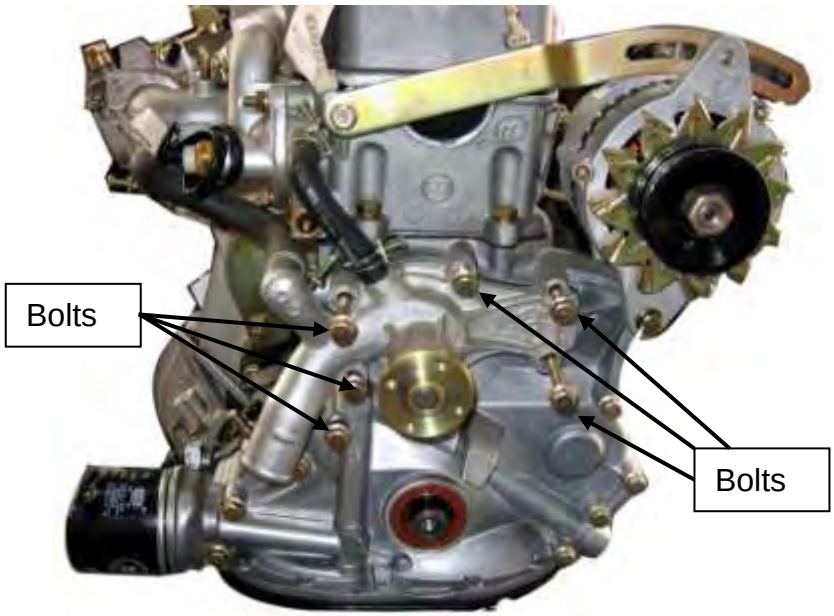


Figure 54

3. Loosen the clamp bolts shown as Figure 55, and disconnect two peace of water pipe, and take off the water pump. The engine without water pump is

shown as Figure 55.

Figure 55

Figure 56

Distributor replacement

1) Turn around the crank shaft, align the line on the pulley of crankshaft straight to the 0 degree line on the cover of engine (**See** Figure 57**,**Figure 58**,**Figure

59)

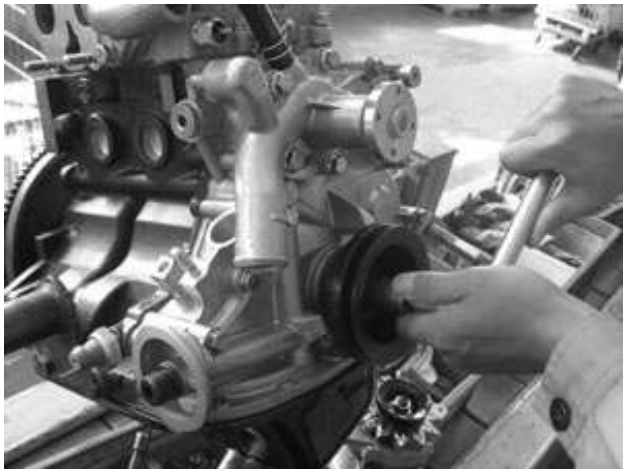


Figure 58

Figure 57

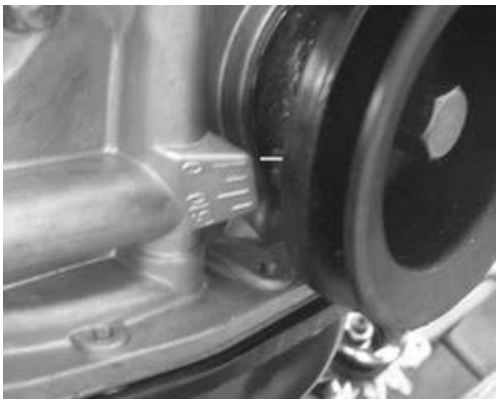


Figure 59

2) Remove the rocker cover of head by removing two bolts (**See** Figure 60)

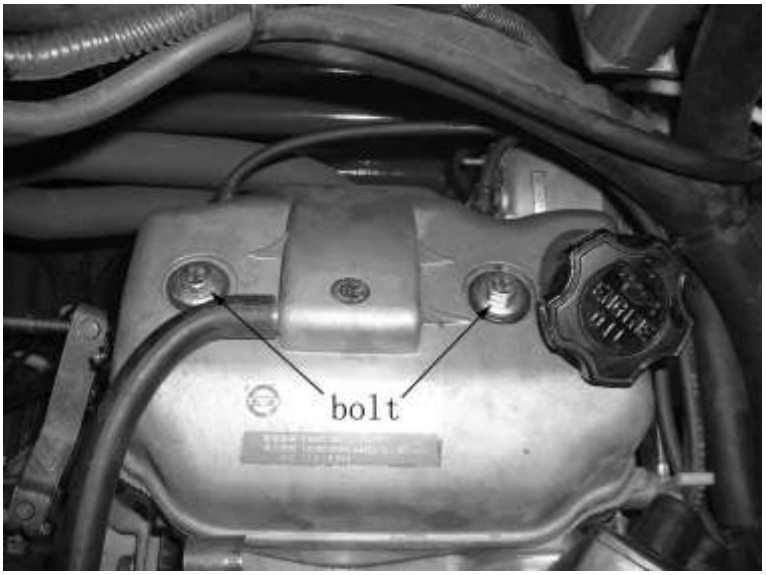


Figure 60

3) Check the anchor hole, if it is not on the direction shown by Fig. Repeat

above 1 as to obtain the hole position shown by Figure 53.

4) Insert the screwdriver into the hole, turn the drive of oil pump shaft until parallel to the crankshaft (**See** Figure 62**,**Figure 63)

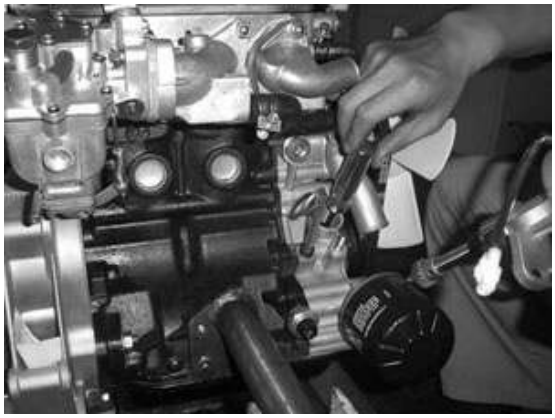


Figure 62

Figure 61

5) Align the mark 2 on the shaft of distributor to the mark 1 on the aluminum housing (**See** Figure 63)

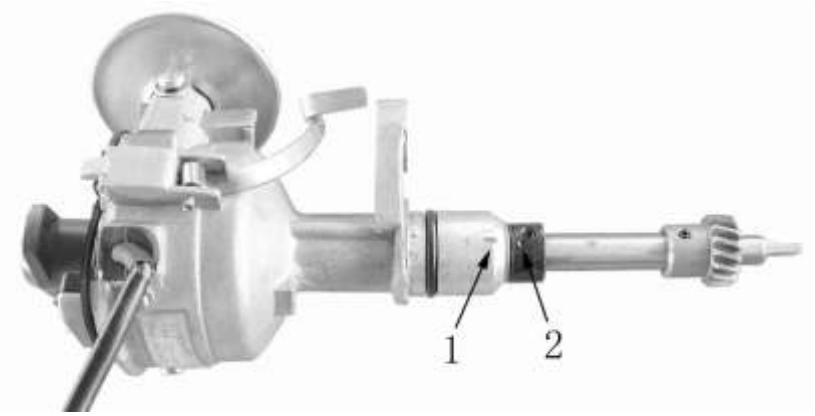


Figure 63

6) Insert the distributor slowly to the hole (**See** Figure 64). Confirm the direction of distributor is as per the figure (**See** Figure 65**,**Figure 66**)**. Tighten the nut of distributor housing.

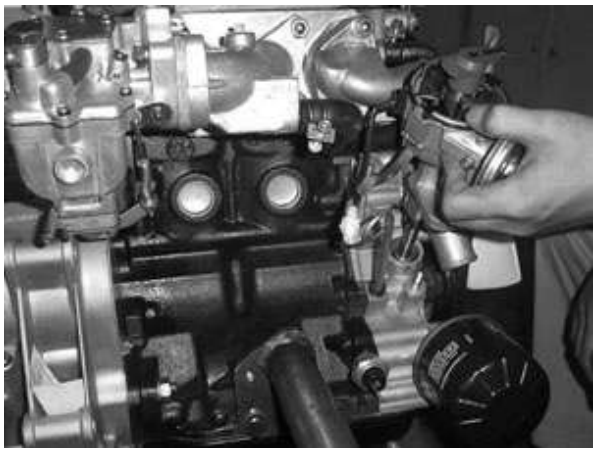


Figure 64

Figure 66

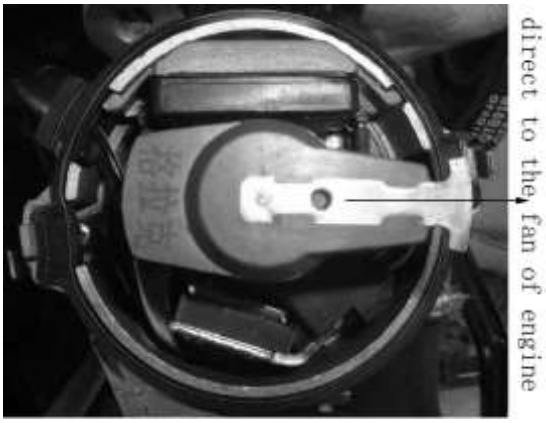


Figure 65

7) Fix the cover of the distributor (**See** Figure 67).

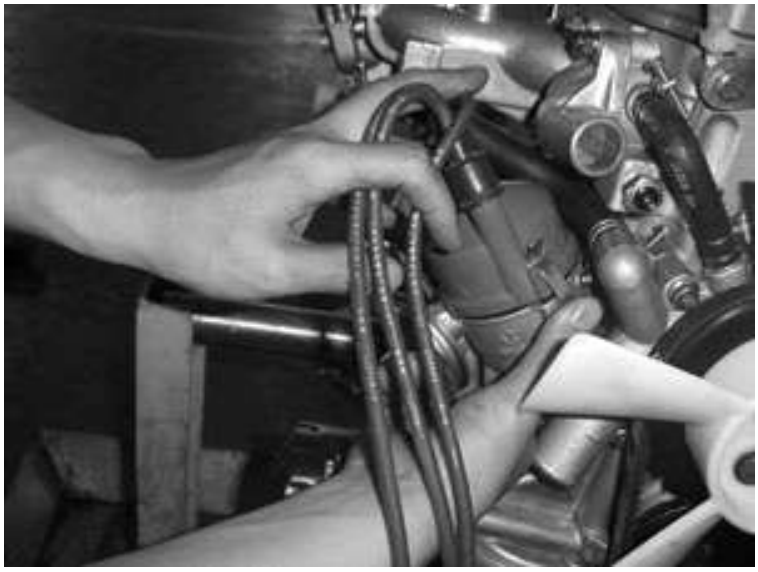


Figure 67

8) Check the spark timing. Adjust if need as followings

a) Loosen the nut of the distributor housing

b) Turn the distributor slowly. Increase the spark timing by counterclockwise turn. Decrease the spark timing by clockwise turn.

A. Gear shift

1) Install thick pivot plate and short crank to shifter shaft (See Figure 68 Figure 69Figure 70 Figure 71)

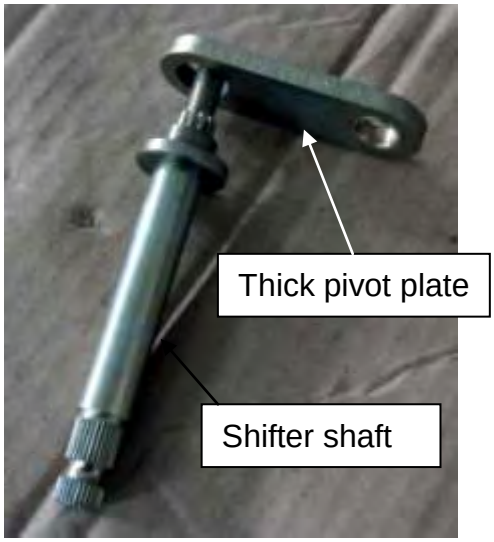


Figure 68

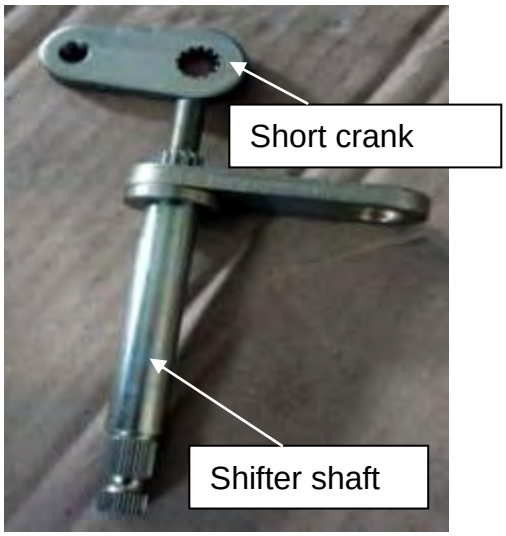


Figure 69

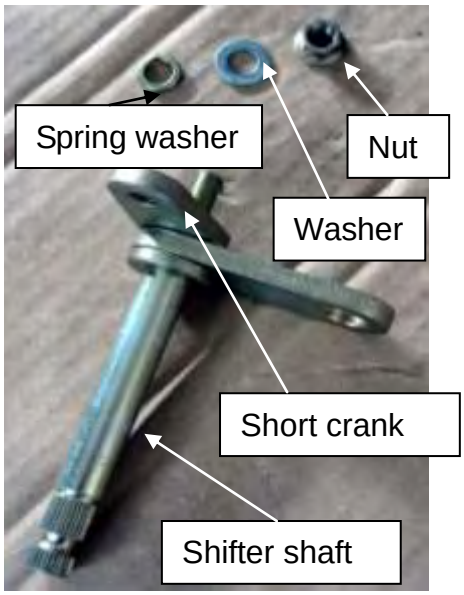


Figure 70

Figure 71

2) Install thin pivot plate and long crank. (see Figure 72 Figure 73

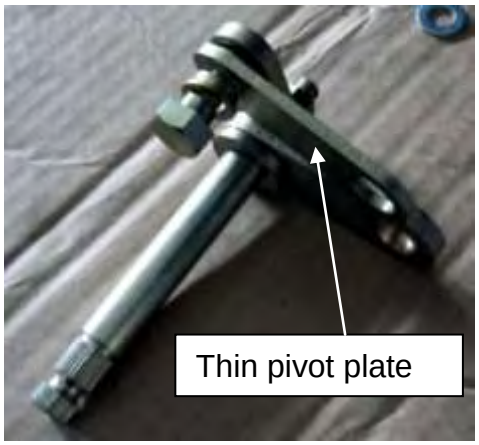


Figure 72

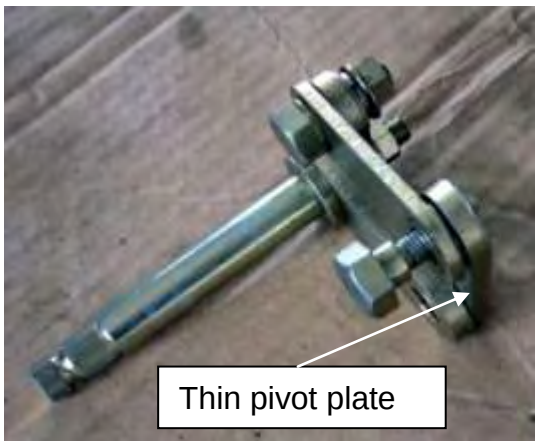


Figure 73

3) Install the shifter shaft ASSY finished above to transmission. (See Figure 74)

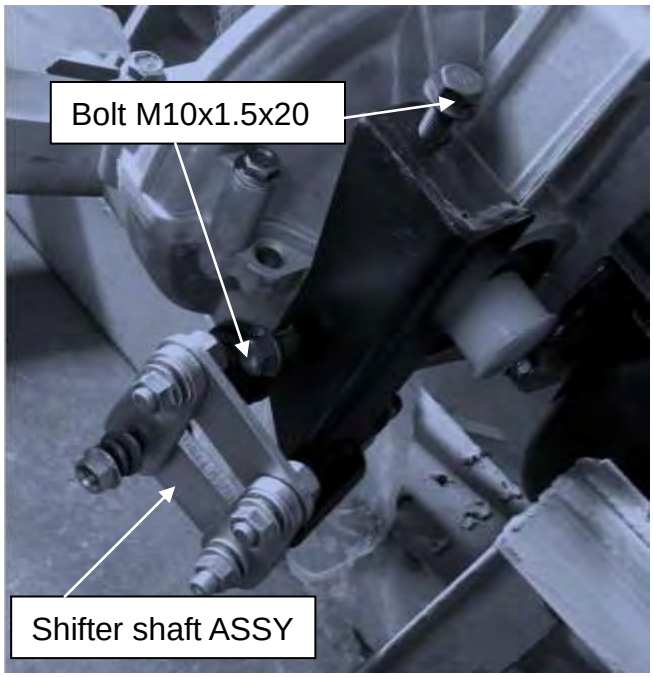


Figure 74

B. Front Wheel Alignment

a) Put the vehicle on level ground.

b) The “toe-in” of the front wheels should be 1.18 inches. To check for alignment, measure distance A and B between the centerline (CL) of the wheels. The proper toe-in dimension A should be 1.18 inches greater than dimension B.

c) To adjust the alignments, loose the lock nuts on both sides of Front Tie Rods. To make Dimension B smaller, turn the rod to the left. Turn the rod to the right to make Dimension B larger. After adjusted to desired length, tighten the lock nut against the rod end. Recheck the dimensions for proper alignment.

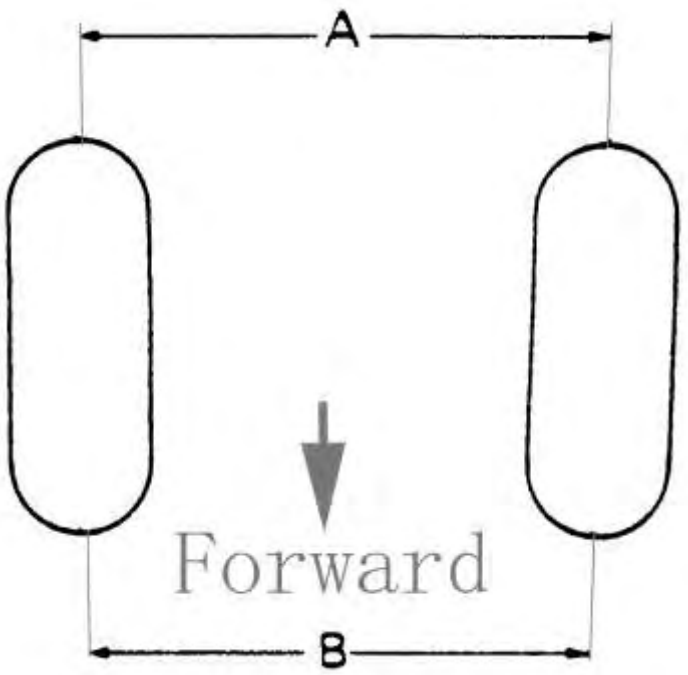
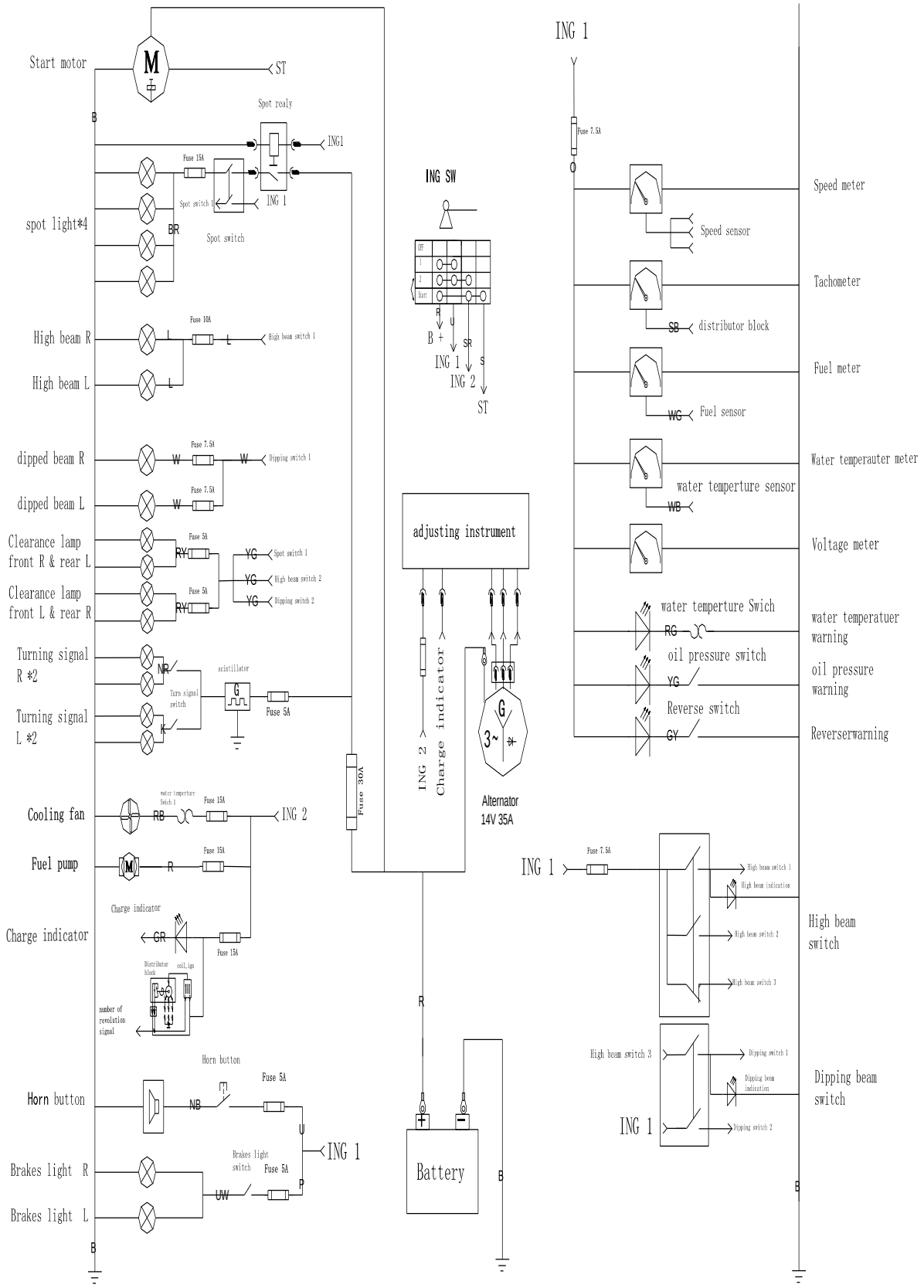


Figure 75

Wiring diagram



Wire's colour symbol

RS--red/grey B--black R--red U--blue RU--red/blue P--purple S--grey W--white YG--yellow/green L--Cambridge blue N--brown K--pink NB--brown/black NR--brown/red
UW--blue/white RB--red/black GY--green/yellow SB--grey/black BR--black/red Y--yellow WG--white/green GB--green/black WR--white/red BW--black/white

Figure 76

DEALER PRE-DELIVERY INSPECTION

TEAM JOYNER USA

www.teamjoynerusa.com

DEALER PRE-DELIVERY INSPECTION

1245 N. Mondel Dr. • Gilbert, AZ 85233
Ph: 480-813-6363 • Fax: 480-813-6379

This form registers warranty **This form registers warranty**

SOLD TO:

We have determined that your vehicle is safe to operate
☐ YES ☐ NO

Customer Name _____

Address _____

City _____ State _____ Zip _____

Email _____ Contact Person _____ Phone _____

Phone _____ Name _____ Fax _____ Cell _____

Technician _____ Supervisor _____

SALE DATE:	DELIVERY DATE:	YEAR:	MAKE:	VIN #:	COLOR:

ITEM	OPERATIONAL	ITEM	OPERATIONAL	ITEM	OPERATIONAL	ITEM	OPERATIONAL
Paint	Yes No	Carburetor	Yes No	Mirror	Yes No	Rear Diff	Yes No
Lug Nuts	Yes No	Throttle Cable	Yes No	Battery	Yes No	Wheel Bearings	Yes No
Axle Nuts	Yes No	Choke Cable	Yes No	Ignition	Yes No	Blinkers	Yes No
Tie Rods	Yes No	Emergency Brake	Yes No	Gauges	Yes No	Fuel Lines	Yes No
Axles	Yes No	Charging System	Yes No	Switches	Yes No	Steering Wheel	Yes No
CV Joint	Yes No	Tires/Wheels	Yes No	Fluids	Yes No	Clutch	Yes No
Seats	Yes No	Cooling System	Yes No	Gas	Yes No	Belts	Yes No
Seat Belts	Yes No	Winches	Yes No	Engine Oil	Yes No	Brake Pedal	Yes No
Wiring Harness	Yes No	A Arms	Yes No	Transmission Fluid	Yes No	EPA Sticker	Yes No
Brakes	Yes No	Swing Arms	Yes No	Gear Oil	Yes No	Carb Sticker	Yes No
Brake Lines	Yes No	Shocks	Yes No	Shock Oil	Yes No	Oil Vent System	Yes No
Brake Pads	Yes No	Steering Boy	Yes No	Coolant Fluid	Yes No		
Shifter	Yes No	Lights	Yes No	Brake Fluid	Yes No		
Throttle Pedal	Yes No	Horn	Yes No	Front Diff	Yes No		

REMARKS:

_____

_____

_____

Dealer Name _____

Address _____

City _____ State _____ Zip _____

Email _____ Contact Person _____ Phone _____

Phone _____ Name _____ Fax _____ Cell _____

Dealers Signature _____ **Date** _____

I agree to terms and conditions _____
Customer Signature **Date**

This form registers warranty

_____Jumping the vehicle can cause serious damage to the drive train (axle, transmission, suspension).

_____Injury or death can result from jumping vehicle. Do Not Jump.

_____I understand that the roll bars are cosmetic and a roll over could cause death or serious injury. The seller is not liable for death or injury.

_____I have inspected all machines for any cosmetic damage and found it/them to be satisfactory. I further understand that cosmetic damage is NOT covered by any factory warranties and unless noted here are deemed accepted by me.

_____Sand dunning or desert riding is dangerous. Death or injury could occur. The seller is not liable for injury or death.

_____I understand all sales are final and that there is no right of rescission, no option for return or exchange for any vehicle purchased, and that the titled and registered machines were effectively purchased when I signed the title application.

_____I understand the warranty is 90 day manufacture defect only with the following not covered: axles, electrical batteries, light bulbs, clutches, turbo cartridges, carburetor cleaning, piston rings that are scorched from one revving, rims/tires, bearings.

_____I understand that although some lending institutions do not require insurance, state law DOES require liability insurance and a driver's license. I also understand that none of the products offered by the dealer constitutes insurance and a separate policy would have to be purchases from an outside source to protect my purchase and fulfill state requirements.

_____I have been shown the VIN number for each machine and they match this form and all paperwork received.

_____I understand that I have only 72 hours to notify the seller of any issues to the paperwork or the vehicle.

_____Off Road use only. Driving on paved roads can cause axle or transmission damage. Both tires turn equally, this is not a limited slip differential. Injury or death can occur form operating a non DOT vehicle on public roads.

_____Turbo systems, system lessen life of engine, over revving the engine to increase boost of turbo can cause engine damage. This will not be covered under warranty.

ADDITIONAL TERMS AND CONDITIONS OF SALE

1. PROMISE TO PAY. By signing this contract, Buyer agrees to pay Seller the "TOTAL DUE".
2. TIME OF ESSENCE. Time is of the essence of this contract. Sellers acceptance of partial payments shall not in any manner modify the terms of this contract and such acceptance shall not be construed as a waiver of any subsequent defaults on Buyer's part nor shall it waive the "time is of the essence" provision.
3. NOTICE. Any notice required to be given to Buyer shall be deemed reasonable notification if

(Ⅰ)mailed by ordinary mail, postage prepaid, to Buyer's mailing address as shown on this contract or to Buyer's most recent address as shown by a "notice

of change of address" on file with Seller, whether or not such notice is actually received by buyer, or(Ⅱ) if given in any other manner which results in Buyer's actual receipt of such notice.

4. BAD CHECK. If Buyer pays Seller with a check that is dishonored or unpaid for any reason, Seller may at Seller's sole option, terminate this contract and retake the vehicle, or make claims against Buyer on the check. In addition, Seller will charge Buyer a $25 returned check charge plus any actual charges assessed by Seller's financial institution resulting from such returned check.
5. ATTORNEYS FEES. If it is necessary for Seller to take legal action to enforce any of seller's rights under this contract, Buyer agrees to pay to the extent permitted by law, the seller's reasonable attorneys fees and court costs.
6. GENERAL. This contract is governed by applicable federal law and the laws of the State of Arizona. Any provisions found to be invalidate the remainder hereof, Waiver of any default shall not constitute waiver of any subsequent default. All words used herein shall be construed to be of such gender and number as the circumstances require. The contract shall be binding upon Buyer's heirs, personal representatives, successors and assigns and shall inure to the benefit of Seller's successors and assigns. This contract constitutes the entire agreement between the parties with respect to the subject matter herein, and may not be altered or amended unless made in writing and duty executed by Seller.
7. CASH DEPOSIT. If Buyer fails or refuses to accept delivery of any Vehicle or product or fails to comply with this contract, Seller may keep any cash deposit as liquidated damages, to the extent not prohibited by law. The deposit may also be used reimburse Seller for any expenses and losses Seller incurs or suffers as a result of Buyer's failure or refusal to accept deliver of the Vehicle or product or to comply with this contract. Such expenses and losses may include Seller s reasonable attorney's fees.
8. NON-DELIVERY. Seller is not liable for failure to deliver or for delay in delivering the Vehicle or other product where such failure or delay is due, in whole or in part, to any cause beyond Seller's control or without Seller's fault or negligence,
9. RISK OF LOSS, INSURANCE. The risk of loss to the Vehicle or any other items covered by this invoice passes to Buyer upon delivery of the Vehicle or other goods to Buyer at the address set forth on this invoice for shipment to Buyer or such other place of receipt designated by Buyer. Buyer is responsible for maintaining its own theft and liability insurance coverage for the Vehicle.
10. AGE. Buyer represents and warrants to Seller that Buyer is over the age of majority and is fully competent to enter into this contract. Buyer acknowledges that Seller is relying on this representation in entering into and performing this contract.

ADDITIONAL TERMS AND CONDITIONS OF SALE

1. PROMISE TO PAY. By signing this contract, Buyer agrees to pay Seller the "TOTAL DUE".
2. TIME OF ESSENCE. Time is of the essence of this contract, Seller's

acceptance of partial payments shall not in any manner modify the terms of this contract and such acceptance shall not be construed as a waiver of any subsequent defaults on Buyer's part nor shall it waive the "time is of the essence" provision.

3. NOTICE. Any notice required to be given to Buyer shall be deemed reasonable notification if(Ⅰ)mailed by ordinary mail, postage prepaid, to Buyer's mailing address as shown on this contract or to Buyer's most recent address as shown by a "notice of change of address" on file with Seller, whether or not such notice is actually received by Buyer, or (Ⅱ) if given in any other manner which results in Buyer's actual receipt of such notice.
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7. CASH DEPOSIT. If Buyer fails or refuses to accept delivery of any Vehicle or product or fails to comply with this contract, Seller may keep any cash deposit as liquidated damages, to the extent not prohibited by law. The deposit may also be used to reimburse Seller for any expenses and losses Seller incurs or suffers as a result of Buyer's failure or refusal to accept delivery of the Vehicle or product or to comply with this contract. Such expenses and losses may include Seller's reasonable and loses Seller incurs or suffers as a result of Buyer's failure or refusal to accept delivery of the Vehicle or product or to comply with this contract .Such expenses and losses may include Seller's reasonable attorney's fees.
8. NON-DELIVERY. Seller is not liable for failure to deliver or for delay in delivering the vehicle or other product where such failure or delay is due. In whole or in part, to any cause beyond Seller's control or without Seller's fault or negligence.
9. RISK OF LOSS: INSURANCE. The risk of loss to the vehicle or any other items covered by this invoice passes to Buyer upon delivery of the vehicle or other goods to Buyer at the address set forth on this invoice for shipment to Buyer or such other place of receipt designated by Buyer. Buyer is

responsible for maintaining its own theft and liability insurance coverage for the vehicle.

AGE. Buyer represents and warrants to Seller that Buyer is over the age of majority and is fully competent to enter into contact. Buyer acknowledges that Seller is relying on this representation in entering into performing this contract.