

Raising and Lowering the Track Section Assembly

WARNING: KEEP TRACK SECTIONS MINIMUM 10 FT. CLEAR OF ALL ELECTRICAL WIRES AND EQUIPMENT. BE AWARE OF OVERHEAD WIRES BEFORE RAISING TRACK SECTIONS. ELECTRICITY KILLS!

The hoist assembly is extremely top heavy and must be kept under control at all times. Two alternate methods are suggested for raising the platform hoist to the operating position. **ALWAYS USE APPROVED ROOF TOP FALL PROTECTION** when setting up, operating, and taking down the Tranzporter Hoist.



Procedure "A"

This procedure requires two or preferably three men.

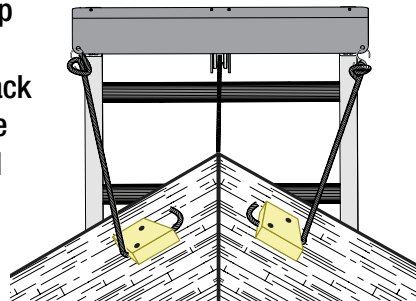
1. Lay the assembled track sections with the platform attached parallel to the building wall that is to support the hoist.
2. Tie a rope to the head bracket and have the man on roof pull up the hoist while the other man on the ground braces the shoes on the bottom base section to prevent slippage of the hoist shoes. The third man on the ground may aid in erecting by "walking" the hoist up hand over hand by the rungs.
3. When the hoist reaches a vertical position, carefully turn the hoist 90 degrees with the platform pointing away from the building. Move the bottom of the hoist away from the building 1/4 of the height of the building where the top of the hoist is to be supported. Make allowances for overhang. ***See page 13 for track section chart for approximate distances of the base from the building.***
4. Tie the track section to the roof with a rope fastened to a cross tie on the top bracket to prevent slippage of the track section. See below. ***DO NOT TIE ROPE TO THE RAILS - THIS WILL PREVENT THE PLATFORM FROM OPERATING PROPERLY.***
5. Make certain the shoes on the steel bottom section are firmly resting on level ground. This will help to prevent track section slippage or uneven loading of the track section which could cause damage or injury to personnel and/or to equipment.



Secure the Top Cap

Option 1 Low Top Cap

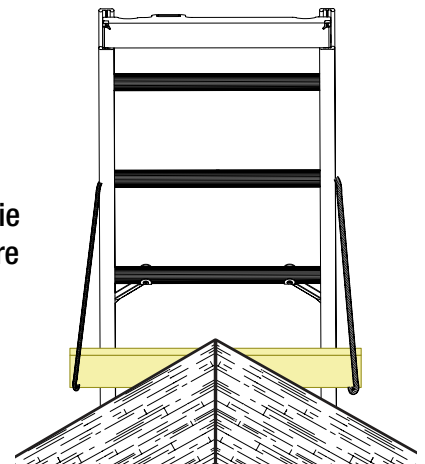
Attach the "S" hooks included with the top cap hardware. Place in mousing holes on the back of the top cap. Tie off the "S" hooks with rope and secure with cross tie.



Option 2 High Top Cap

Pass rope threw the track section rungs. Tie off the rope and secure with cross tie.

Option 3 Ladder and Hoist Anchor Kit #13809



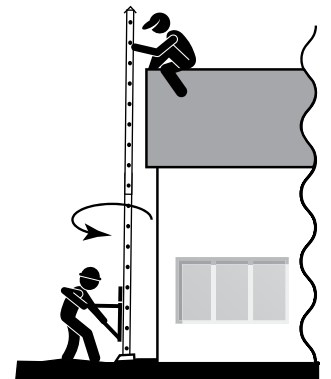
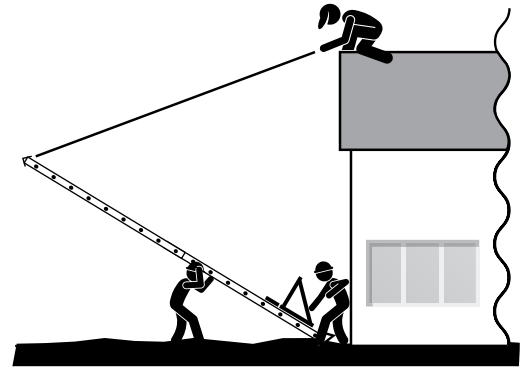
Raising and Lowering the Track Section Assembly

WARNING: KEEP TRACK SECTIONS MINIMUM 10 FT. CLEAR OF ALL ELECTRICAL WIRES AND EQUIPMENT. BE AWARE OF OVERHEAD WIRES BEFORE RAISING TRACK SECTIONS. ELECTRICITY KILLS!
ALWAYS USE APPROVED ROOF TOP FALL PROTECTION when setting up, operating, and taking down the Tranzporter Hoist.

Procedure "B"

This procedure requires two or preferably three men.

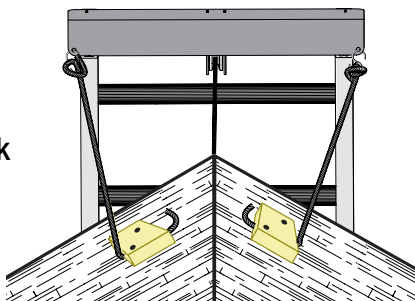
1. Place track section assembly perpendicular to the building with the bottom shoes of the steel bottom section resting against the building to prevent slipping.
2. Tie a rope to the top bracket and have the man on the roof pull up the hoist while the other man on the ground braces the shoes on the steel bottom base section to prevent slippage of the hoist shoes. The third man on the ground may aid in erecting by "walking" the hoist up hand over hand by the rungs.
3. When the hoist reaches a vertical position, carefully turn the hoist 180 degrees with the platform pointing away from the building.
4. Move the bottom of the hoist away from the building 1/4 of the height of the building where the top of the hoist is to be supported. Angle of track sections from building should be between 18 and 20 degrees. Make allowances for an overhang. ***See page 14 for track section chart for approximate distances of the base from the building.***
5. Tie the track section to the roof with a rope fastened to a cross tie on the top bracket to prevent slippage of the track section. See below.
DO NOT TIE ROPE TO THE RAILS - THIS WILL PREVENT THE PLATFORM FROM OPERATING PROPERLY.
6. Make certain the shoes on the steel bottom section are firmly resting on level ground. This will help to prevent track section slippage or uneven loading of the track section which could cause damage or injury to personnel and/or to equipment.



Secure the Top Cap

Option 1 Low Top Cap

Attach the "S" hooks included with the top cap hardware. Place in mounting holes on the back of the top cap. Tie off the "S" hooks with rope and secure with cross tie.

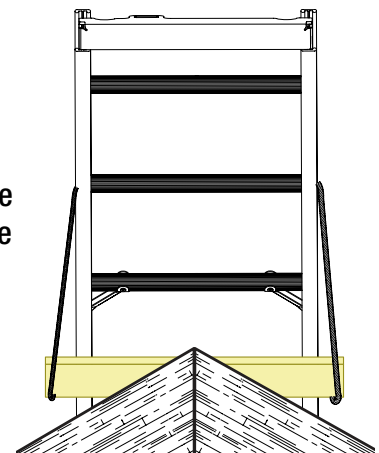


Option 2 High Top Cap

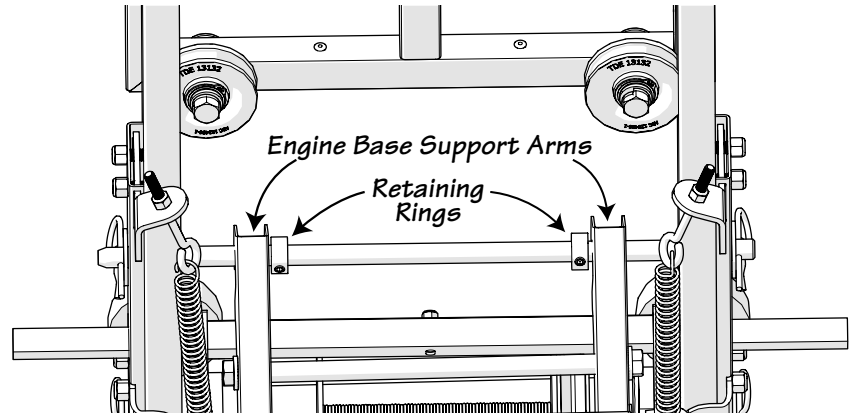
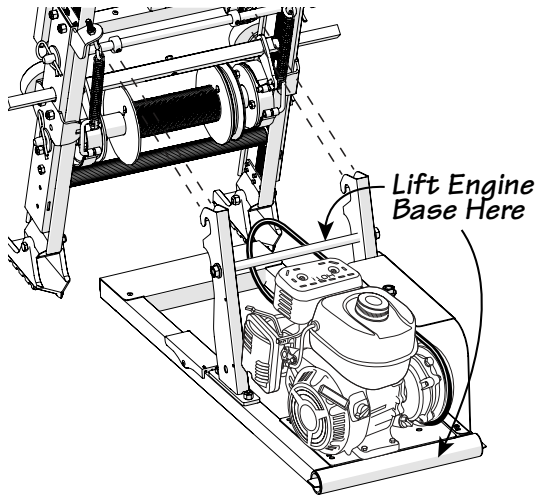
Pass rope threw the track section rungs. Tie off the rope and secure with cross tie.

Option 3

Ladder and Hoist
Anchor Kit #13809



Engine/Motor Base Placement



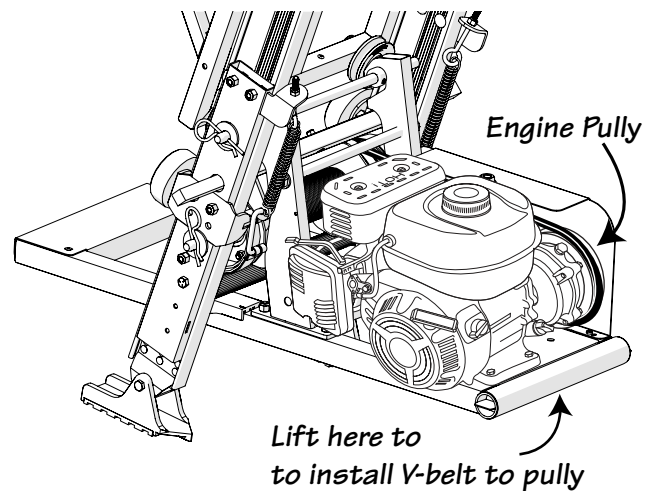
Step 1

Mount the motor assembly to the base unit; from behind the hoist; the foot pad of the motor base slides under the track base section, while “hanging” the motor base. The motor assembly arms must fit outside the two retainer rings shown above.

Step 2

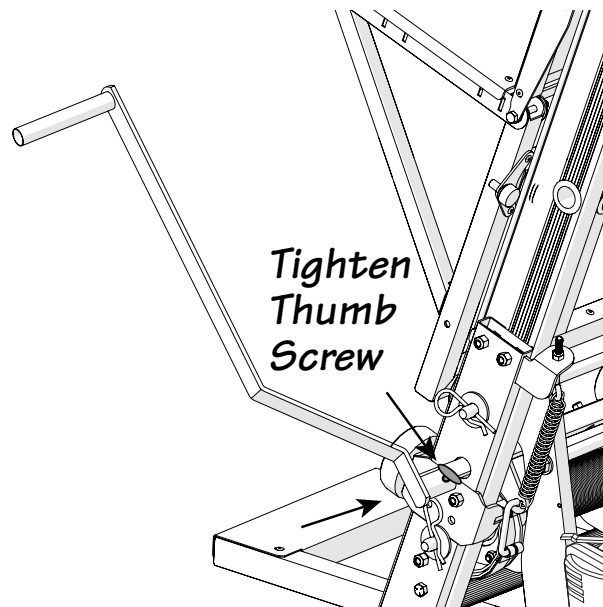
Before starting the engine...

Align the “V” belt to the large pulley on the base (next to cable drum assembly on track base). Then slide the belt under the belt guard longways to the motor base (shown right). Lift the rear of the engine base, this will make it much easier to place the V belt over the engine pulley.



Step 3

Slide the brake handle over the brake arm and tighten thumb screw provided. Brake handle can be placed on either side of the hoist, which ever is comfortable and safe.



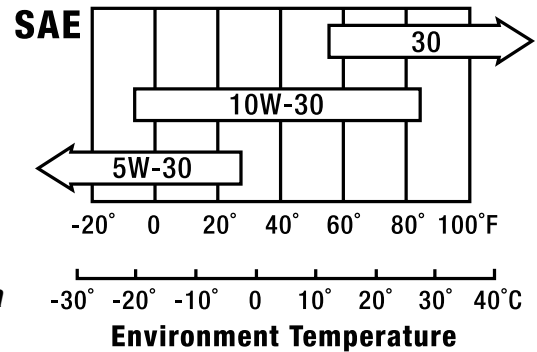
Operating Gasoline Engines

IMPORTANT: Lifan and Honda Engines

PRIOR TO USE: FILL CRANK CASE WITH OIL.

Engine oil recommended: SAE10W-30.

As viscosity varies with regions and temperatures, select the proper engine oil in accordance with the chart (on right).



IMPORTANT: Gear Reduction Housings

Only the Lifan gear reduction housing comes Pre-oiled! The Honda engine gear reduction housing requires Oil! Follow manufactures instructions for adding "Gear Oil" to the Honda gear housing.

Read the "Owner's Manual" prior to operating any equipment and familiarize yourself with the proper and safe operation of this equipment. If you can not locate or have lost any manuals, please go to the www.tranzporter.com web site for the latest instructions and updates.

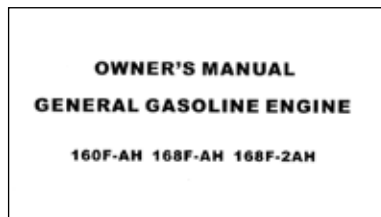
Gasoline:

Use gasoline with a Octane level over 86. Using unleaded gasoline will decrease the possibility of producing carbon deposit and prolong the engines service life.

Never use a mixture of gas and oil! Make sure the fuel is free of dirt and water. Never add gasoline when the engine is hot or running.



Lifan Quick Start
Manual (on back)



Lifan Owner's Manual



Honda Owners
Manual

Gasoline Engines

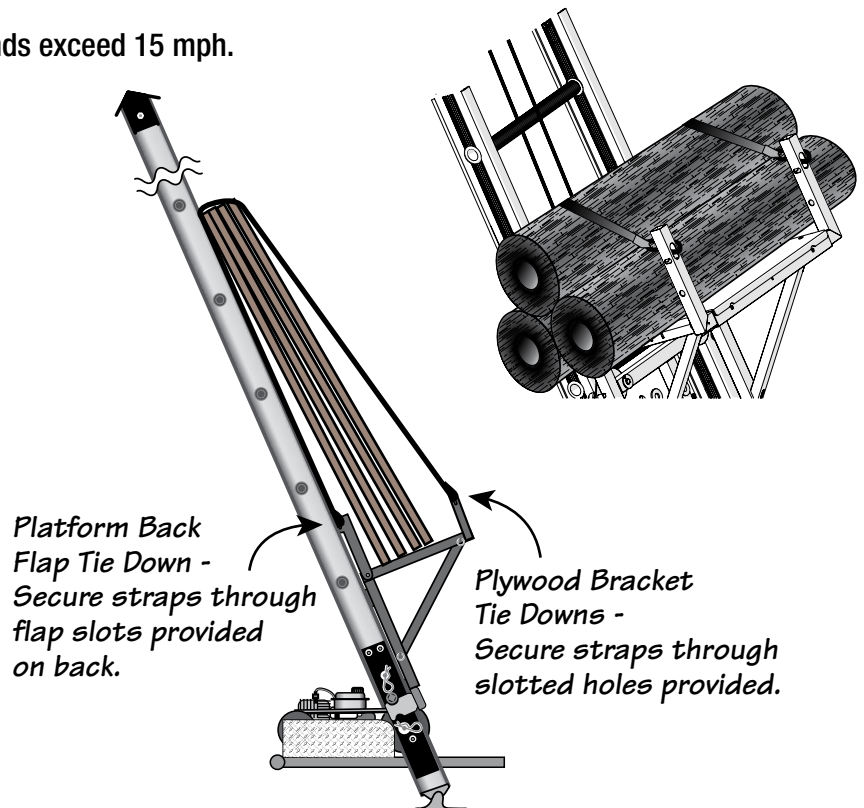
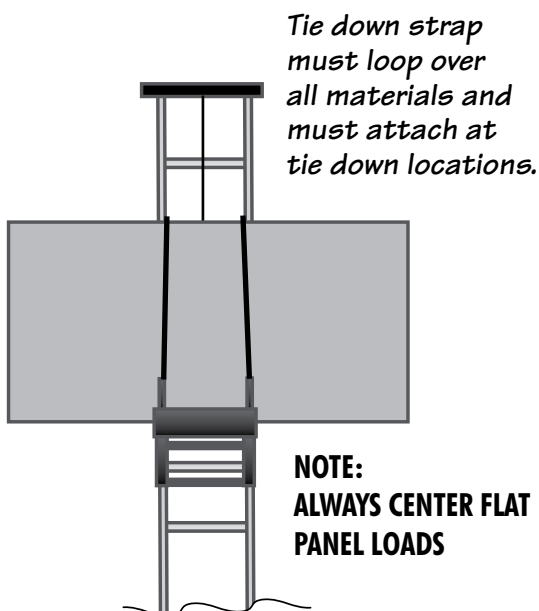
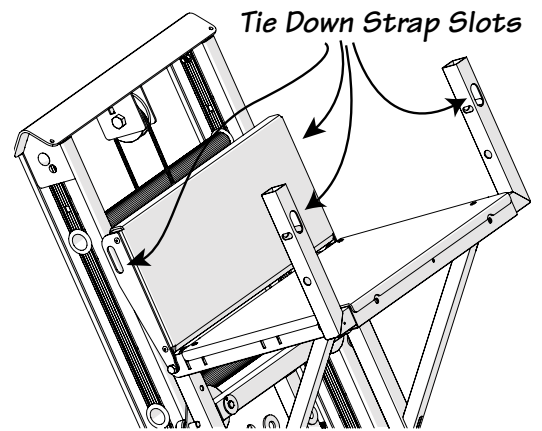
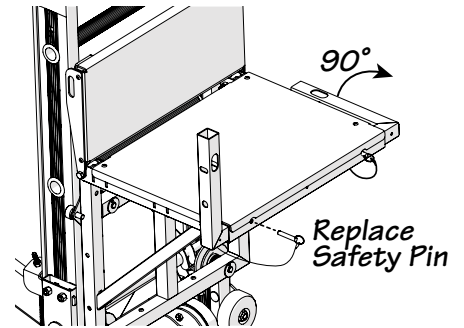
1. Handle fuel with care. It is EXTREMELY flammable and explosive under certain conditions.
2. Do not smoke, allow open flames or sparks to be present during the refueling operation.
3. Use only an approved fuel container to transport fuel.
4. Do not fuel while engine is hot - allow to cool before attempting the refueling operation.
5. Replace all fuel tank caps securely and wipe the spilled fuel before restarting engine.
6. Do not operate the TP-Series gasoline engine in an enclosed area. The exhaust can be especially hazardous and cause death in an enclosed area.
7. Stop the engine and lower the platform when leaving the vicinity of the hoist.
8. Always stop the engine, lower the platform, wait for all moving parts to stop, and allow the engine to cool before disassembling or moving the hoist.
9. Disconnect the spark plug wire from the plug before disassembling or moving the hoist.
10. DO NOT store the engine in an enclosed area.
11. Allow engine to cool before storing.
12. DO NOT store engine where it might be subjected to flames, sparks, extreme heat or any other source of combustion.

Plywood/Flat Panel Tie Down and Lifting Instructions

⚠ WARNING ⚠ WARNING ⚠ WARNING ⚠

FAILURE TO READ AND UNDERSTAND THE OPERATING INSTRUCTIONS CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH TO USER OR OTHERS

- Use the proper tie down equipment - If you are not securing your cargo with the proper safety straps, it could come loose during lifting, resulting in injury or death.
- Never hoist anything wider than the 8 ft. - larger plywood sheets can make controlling your hoist difficult and dangerous, especially when considering windy conditions. Wide panels must be centered to prevent tipping.
- Attach your safety straps to slotted tie-down points - Do not hook your tie-down straps to the plywood, straps must pass over the top. Secure your safety straps to the carriage top flaps slotted holes (the metal frame) and to the plywood brackets only (Refer to the drawings for tie down slot locations).
- Maintain a manageable speed - The wind's effects on sheets of plywood or panel goods, as well as the higher center of gravity, can make hoisting difficult and dangerous.
- Check all tie-down connections. Safety straps may come loose during transport. Always check strap for damage or wear. Replace when damaged or worn.
- Do not lift plywood/sheet goods when winds exceed 15 mph.

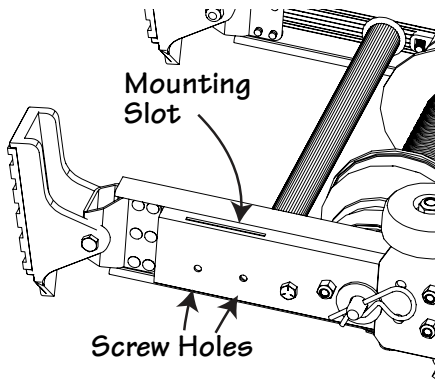
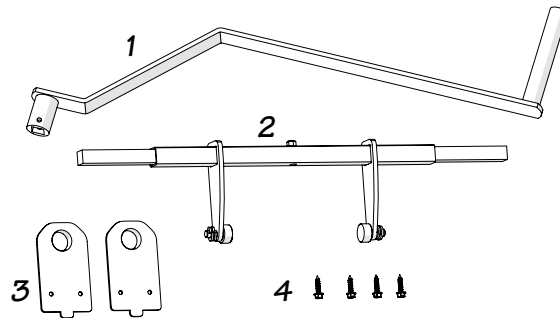


Assembly Instructions TP250/400 Secondary Handle Kit #48468 (Purchased Separately)

Allows use of a left side handle to engage the motor and carriage. It is highly recommended when using with the Solar/Plywood Saddle Carriage. Can be used for both TP250 & TP400 models.

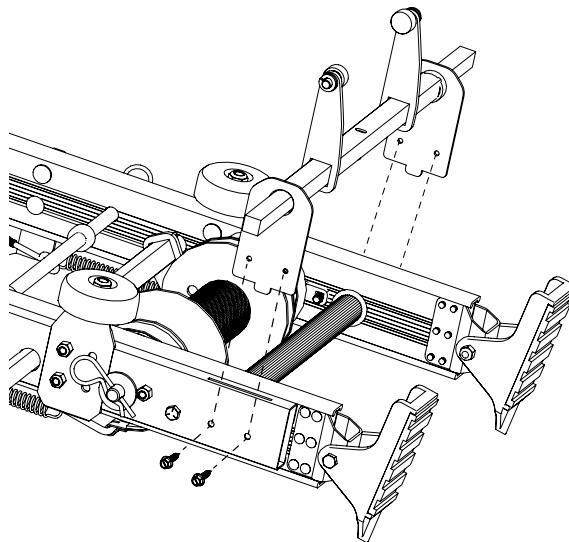
Parts included with the Secondary Handle Kit:

- 1 Handle
- 2 Pivot/Brake Weldmont
- 3 2 - Mounting Plates
- 4 4 - Screws



Step 1

Lay the base section flat on a hard surface. Locate the mounting slot and holes on the bottom portion of the base section.



Step 2

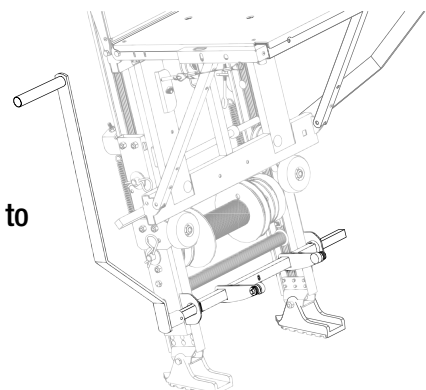
With one hand, hold the pivot/brake weldment just above the lower base section. Slide the mounting plates over the pivot/brake rod. Make sure the raised hole side of the mounting plates goes on the inside.

Step 3

Using the two holes provided; insert two screws per side. Tighten screws using a screw driver or wrench.

Step 4

Attach secondary handle to either side.



TRANSPORTER PRODUCT LINE LIMITED WARRANTY

Tie Down will repair or replace, free of charge, any part, or parts of the Transporter lift hoist that are defective in material or workmanship or both. The limited warranty is in effect for 90 days from date of purchase. Return the defective unit to the dealer or contact Tie Down direct at 800-241-1806 or contact: warrantymanager@tiedown.com.

This warranty does not apply to damage or loss caused by any or all of the following circumstances or conditions:

- Damage caused during assembly or installation.
- Parts, accessories, materials or components used with or replacing any TIE DOWN lift hoist part not obtained from or approved in writing by TIE DOWN.
- Misapplication, misuse and failure to follow the directions or observe cautions and warnings on installation, operation, application, inspection or maintenance specified in any TIE DOWN quotation, acknowledgment, sales literature, specification sheet or installation instruction and service manual ("applicable literature").
- Use of product in any other application other than those described in TIE DOWN's product information materials.

If any TIE DOWN products are found upon TIE DOWN's examination to have been defective when supplied, TIE DOWN will either: credit the purchaser's account for the purchase price of the TIE DOWN product; replace the TIE DOWN product; or repair the product. TIE DOWN has sole discretion in choosing which option to provide. For this LIMITED WARRANTY to apply, TIE DOWN must receive notice of the alleged defect within 30 days of either the discovery of the alleged defect or the expiration of the warranty period, whichever is earlier. Any claim not made within this period shall conclusively be deemed waived.

If requested by TIE DOWN, purchaser shall return the alleged defective product to TIE DOWN for examination at purchasers expense. TIE DOWN will not pay for expenses incurred in returning a product to TIE DOWN without TIE DOWN's prior written authority. TIE DOWN shall not be liable for any other expenses purchaser incurs to remedy any defect. Purchasers waive subrogation on all claims under any insurance.

Limitation of Liability: It is expressly agreed that the liability of TIE DOWN is limited and TIE DOWN does not function as an insurer. THE REMEDIES SET FORTH IN THIS WARRANTY SHALL CONSTITUTE THE EXCLUSIVE REMEDIES AVAILABLE TO THE PURCHASER OR USER AND ARE IN LIEU OF ALL OTHER REMEDIES, EXPRESS OR IMPLIED. THE LIABILITY OF TIE DOWN, WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE OF THE PARTICULAR PRODUCT MANUFACTURED, SOLD OR SUPPLIED BY TIE DOWN.

To Obtain Technical Assistance: To enable TIE DOWN to respond to a request for assistance or evaluation of customer or user operating difficulty, please provide at a minimum the following information by calling 404-344-0000:

- Model number, serial number and all other data on the specific component which appears to be involved in the difficulty.
- The date and from whom you purchased your TIE DOWN product.
- State your difficulty, being sure to mention at least the following: application, nature of load involved, and weight of the load.

THIS WARRANTY DOES NOT COVER NOR EXTEND TO INCIDENTAL OR CONSEQUENTIAL DAMAGE. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or 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.

No representative has authority to make any representation, promise or agreement except as stated in this Limited Warranty. TIE DOWN reserves the right to make design and other changes upon its products without any obligation to install the same on any previously sold or delivered products.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE DESCRIBED ABOVE. EFFECTIVE JANUARY 2015 THIS WARRANTY SUPERSEDES ALL PRIOR WARRANTIES, WRITTEN OR IMPLIED.

E1401, Rev. 5/16/24



404-344-0000 • www.tiedown.com
605 Stonehill Drive SW, Atlanta, GA 30336
sales@tiedown.com

TP-250

Complete Carriage Wheel Kit

Part #90040

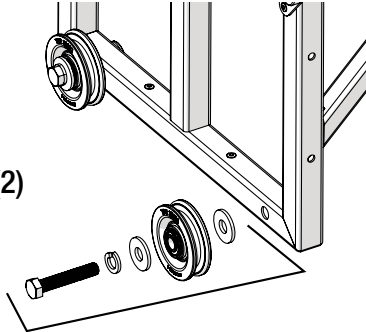
Kit Includes:

1/2-13 x 2-3/4" Zinc Bolts (2)

1/2" Lock Washers (2)

1/2" Washers (4)

Carriage Wheels (2)



TP-400

Complete Carriage Wheel Kit

Part #90048

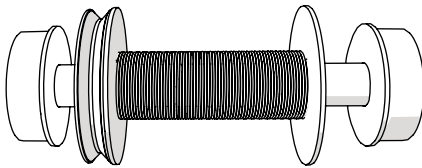
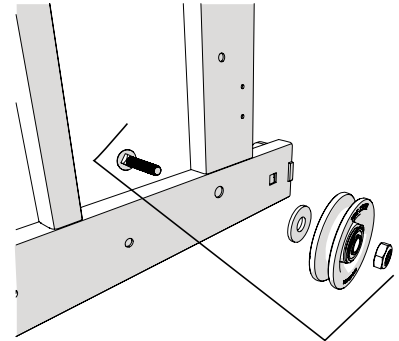
Kit Includes:

Carriage Bolts (2)

Washers (2)

Carriage Wheels (2)

Jam Nut (2)



TP 250 Complete Drum Assembly

Kit Includes:

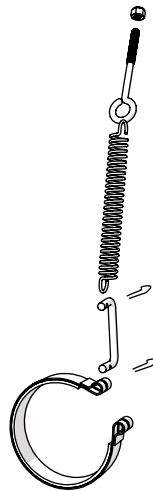
Brake Drums, Cable Drum,

Bearings and Cable

Cable Only 100' x 5/32"

#48493A

#90010



Brake Kit

Part #90007

Kit Includes:

Lock Nut, Eye Bolt,

Spring, Cotter Pins,

Linkage & Brake Strap

TP 400 Complete Drum Assembly

Kit Includes:

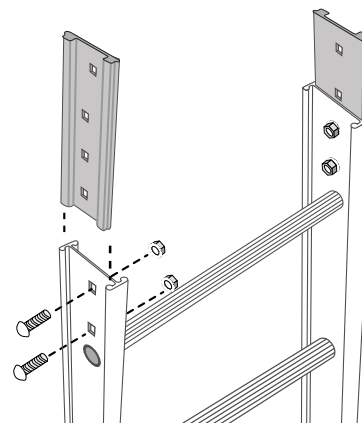
Brake Drums, Cable Drum,

Bearings and Cable

Cable Only 130' x 3/16"

#48493A-400

#90034



Splice Plate Kit

Kit Includes:

Splice Plates (2), Bolts (8)

& Keeper Nuts (8)

Nuts and Bolts only (16 ea.)

#90025

#90024

Drive Belt (51" V-Belt)

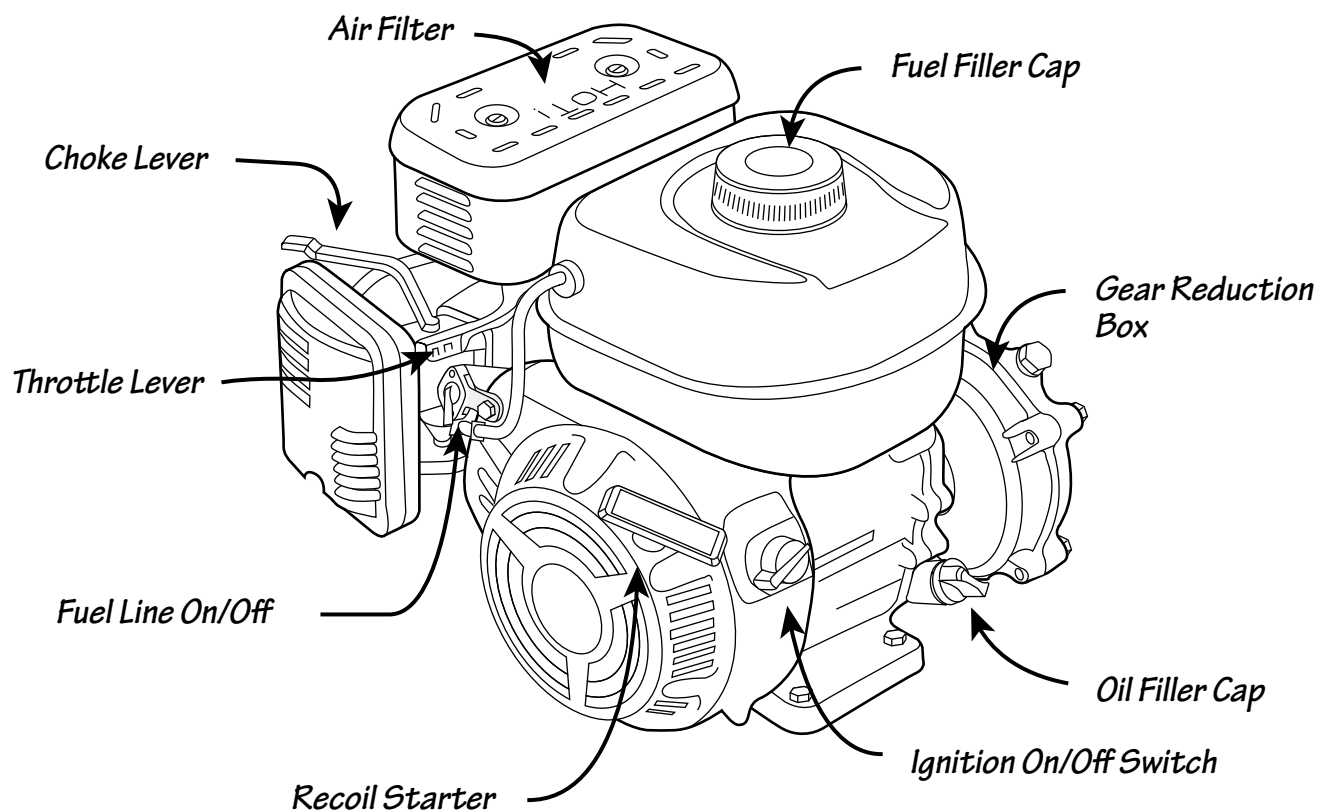
#10047

FOR SAFE OPERATION

- Keep the engine at least 3 ft. away from building or other equipment during operation.
- Do not place inflammable objects such as, gasoline, matches, etc., close to the engine while it is running.
- Operate the engine only on a level surface, otherwise fuel may spill from the fuel tank and engine lubrication may not be sufficient.
- This engine is not equipped with a spark arrestor.
- Operation on forest covered, brush covered, or grass covered land may not be legal in some states. Check local laws and regulations before operation.

WARNING:

- Always stop the engine and do not smoke or allow open flames or sparks near the engine when refueling.
- Do not overfill the tank. There should be no fuel in the filler neck.
- If fuel is spilled, wipe it off completely before starting.
- Make sure that the filler cap is closed securely.
- Do not add gasoline to engine when running or hot - allow to cool before attempting the refueling operation.



Instruction Sheet #08259 (E1437 - Rev. 5/16/24)

Lifan Engine Operation Check

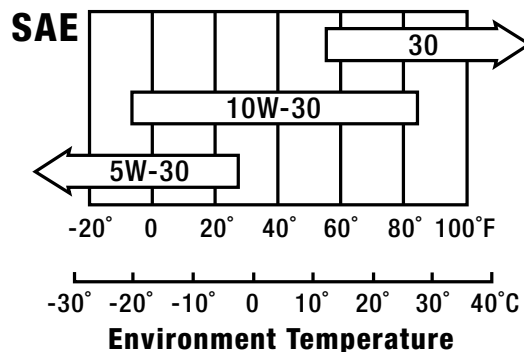
IMPORTANT!

PRIOR TO USE

FILL CRANK CASE WITH OIL.

Engine oil recommended: SAE10W-30.

As viscosity varies with regions and temperatures, select the proper engine oil in accordance with the chart below. *Only the gear reduction housing comes pre-oiled!*



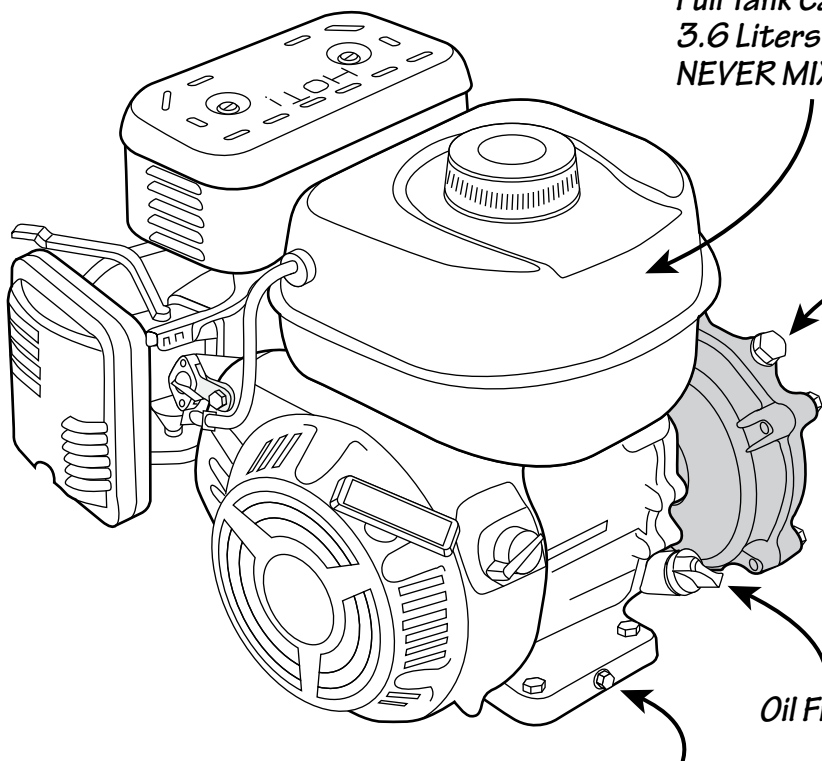
Gasoline:

Use gasoline with a Octane level over 86. Using unleaded gasoline will decrease the possibility of producing carbon deposit and prolong the engines service life. Never use a mixture of gas and oil! Make sure the fuel is free of dirt and water.

Do not add gasoline to engine when running or hot - allow to cool before attempting the refueling operation.



Full Tank Capacity
3.6 Liters
NEVER MIX WITH OIL



IMPORTANT:

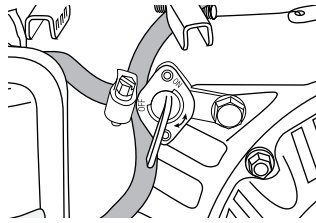
The gear reduction housing is filled and sealed at the factory and should not need any maintenance. Be careful not to confuse the oil filler cap with the gear reduction housing fill cap. Read the complete Lifan Owners Manual for information regarding the gear reduction housing.

* NOTE: Engine Oil Alarm (Silent Engine Stall)

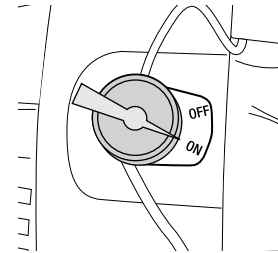
The engine oil alarm is designed to alert the user that the engine oil in the crankcase is insufficient.

Once the oil level in the crankcase is too low, the engine oil alarm will stall the engine automatically to make it save from any damage.

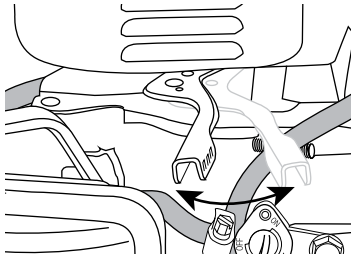
Lifan Engine Starting



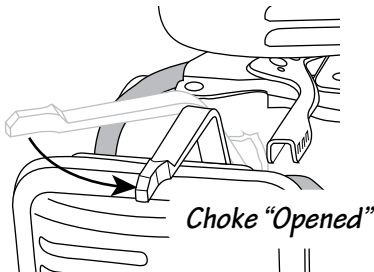
Step 1
Turn the Fuel Line "on/off" valve to the "on" (vertical) position.



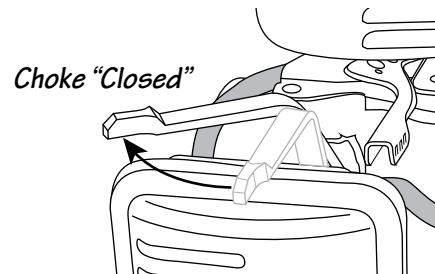
Step 2
Start Up: Turn the "Red" ignition switch to the "On" position.



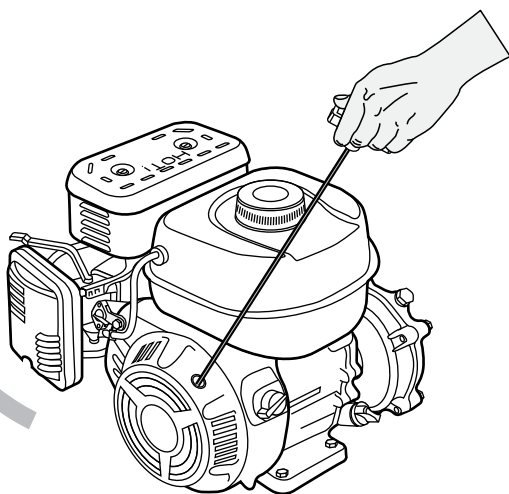
Step 7
Once the motor has been running for 1-2 minutes adjust the Throttle lever for the desired engine speed.



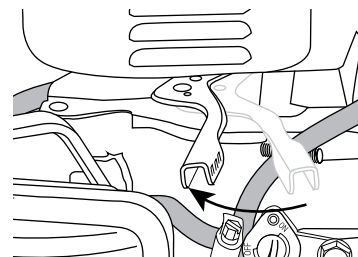
Step 6
Running: With the motor running, open (move to the right) the Choke lever.



Step 3
Start Up: Adjust the Choke lever to the left, "closed" position.



Step 5
Pull starter cord with 3-5 rapid, smooth pulls. The engine will fire and start running.

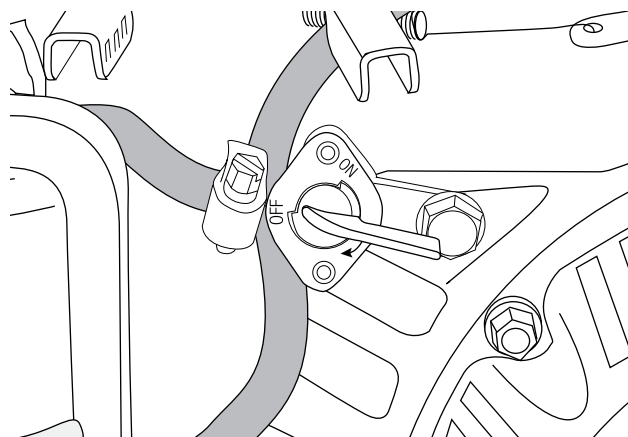


Step 4
Start Up: Adjust the Throttle lever to "half" throttle position.

Lifan Engine Shut Down

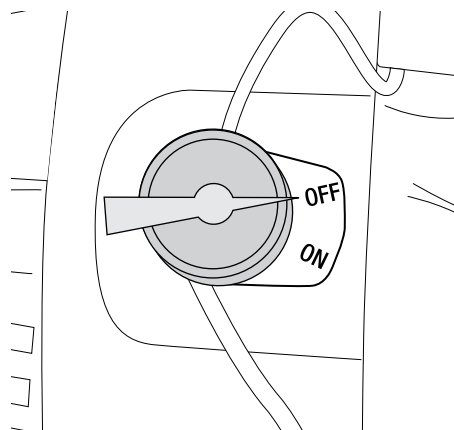
Step 1

Turn-off the fuel line “on/off” valve and allow the motor to stop running.



Step 2

Turn the ignition switch to the “off” position. Let the motor cool before attempting to move.



Please refer to the Lifan Owners manual for more information.

OWNER'S MANUAL
GENERAL GASOLINE ENGINE
160F-AH 168F-AH 168F-2AH