

ENGINE LEVELLER

K12105

Distributed by Kincrome Group www.kincrome.com.au

Owner’s Assembly and Operating Manual

- SPECIFICATIONS2
- IMPORTANT SAFETY INFORMATION3
- UNPACKING AND ASSEMBLING SUPPORT BAR.....3
 - Unpacking Carton3
- OPERATING SUPPORT BAR4
 - Preparing Work Area4
 - Using the Leveler4
 - Working on Engine5
- MAINTENANCE AND STORAGE5
 - Lubricating.....5
 - Cleaning5

SPECIFICATIONS

Working Load Limit	680 KG
Adjustable Length	0-300 mm
Part Number	K12105

IMPORTANT SAFETY INFORMATION

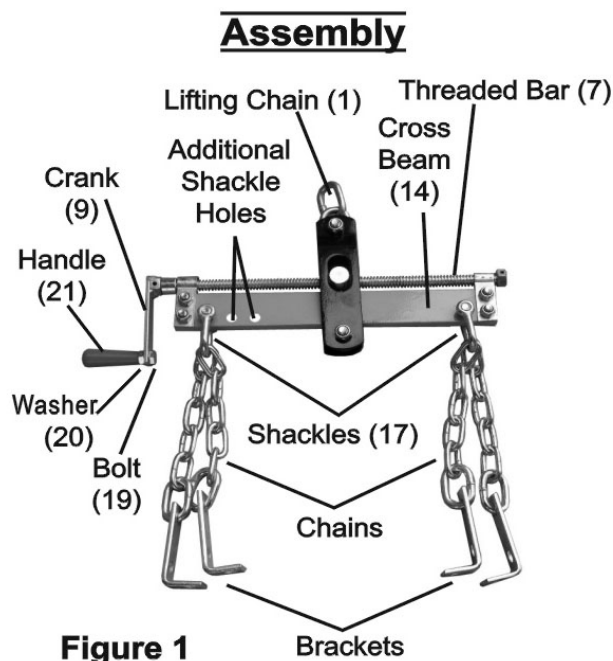
The use of an engine Leveler has inherent dangers to avoid risk of personal injury or property damage make sure you are fully aware of the operating instructions for this product and any recommendations in the vehicle owners manual prior to using this tool. Do not exceed maximum lifting capacity of this engine leveler. This engine Leveler is intended for automotive use only. Be aware that large or heavy engines may exceed the stated capacity check vehicle owners manual or contact the engine manufacturer. Do not use for any other purpose except the supporting of an engine on a suitable lifting device.

Warning dynamic (load which swings, slips from center or moves quickly) loads can exert a force much greater than their physical mass (weight) resulting in failure of the Leveler and/or loss of the load leading to property damage, personnel injury, even death.

UNPACKING AND ASSEMBLING SUPPORT BAR

Unpacking Carton

Place carton in a clear, open area such as garage floor. Remove components and lay them out neatly on selected work surface. Make sure all nuts, bolts, washers, and pins, are properly assembled, Keep hooks and L brackets safely until needed.



The Handle (21) needs to be positioned on the Load Leveler before use. To do this:

- a. Remove the Bolt(19),Nut(20) and Handle from the Crank(9).
- b. Place the handle outside of the Crank and replace the Bolt and Nut.

- Supporting an engine using an engine Leveler can be dangerous. This engine Leveler is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of an engine support bar, do not use until proper training and knowledge have been obtained.

OPERATING SUPPORT BAR

Preparing Work Area

Before using the Engine Leveler, it is important to prepare work area properly. Follow this procedure each time the Leveler is used to help prevent property damage and or serious injury.

- 1.) Thoroughly inspect Leveler for damage or wear before each use. Briefly test operation of unloaded Leveler before using to support any load. If Leveler is damaged or is malfunctioning **DO NOT SUPPORT ANY LOAD** until the problem is corrected.
- 2.) Consult vehicle owner's manual for safety precautions, engine weight, and location of support areas on engine. The working load limit of this engine Leveler is between 680 kg. **NEVER EXCEED WORKING LOAD LIMIT OF** support bar.
- 3.) Loads which are allowed to swing or move off center can exert a force greater than the weight of the object lifted. Make sure load is secured and not able to move from the vertical lifting line.
- 4.) Clear children and others from work area before commencing work. Another adult should be nearby for extra safety and assistance but must be clear of vehicle as it is worked on.
- 5.) Clear obstructions from work area. Working in tight or cluttered work areas is dangerous.
- 6.) Be sure vehicle is on solid, level ground such as paved or concrete driveway or garage floor. Uneven or sloped surfaces create hazardous working conditions and dangerously impeded the function of the support bar.
- 7.) With vehicle in proper position, set vehicle's parking brake or emergency brake and put gearshift in park (manual transmissions should be placed in lowest gear). **TURN VEHICLE IGNITION OFF AND TO THE "LOCK" POSITION** making sure steering wheel locks.
- 8.) Chock all wheels of vehicle to prevent vehicle rolling. Using wedge-shaped blocks that tyre cannot roll over, position one chock tight against the tyre in both forward and reverse rolling paths.

Using the Leveler

Follow all instructions and precautions below and those of the lifting device.

- 1.) With Leveler properly assembled, place the Leveler onto the lifting device making instruction from both devices are adhered too.
- 2.) Attach Chains to the Engine, making sure the device is securely attached to the engine and is suitably rated to hold the weight.
- 3.) Slowly lift load via lifting device until it just about to bear load, check the leveler is securely connect to the engine and the leveler appears level.
- 4.) Inspect engine securing device making sure it is properly attached to the engine.
- 5.) Remove connections on engine. Slight adjust of the leveler may be required by cranking the handle to maintain engine position after other fasteners are loosened or removed.
- 6.) Never leave an engine suspended by an engine Leveler and other lifting device – the product is intended for short term use during repair. As soon as is practicable engine should repaired and engine Leveler removed.

7.) NEVER work under an engine supported by a lifting device. Never place any part of your body under an engine supported by an engine leveler.

Working on Engine

Any engine being supported by an engine Leveler creates a potentially hazardous working environment. Never place any part of your body beneath an engine supported by an engine support bar. Work should only be attempted on the removed engine once it is no longer supported by the lifting device, either securely attached to an engine stand or other suitable supporting device.

MAINTENANCE AND STORAGE

Lubricating

Moving parts on engine Leveler should be lubricated occasionally with a light machine oil to maintain efficient operation.

Cleaning

Engine Leveler should be wiped clean with soft cloth only. Do not use gasoline, kerosene, or other such solvents or any abrasive cleanser.

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528). If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can , at your cost, send the product to place of purchase, an authorized Kincrome service agent or one of Kincrome's addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For further details please visit www.kincrome.com.au or call us

Distributed by Kincrome Tools and Equipment

www.kincrome.com.au

3 Lakeview Drive Scoresby Victoria

Phone: 1300 657 528

