



It is recommended the following procedure be conducted by an experienced mechanic or Ironman 4x4 distributor.

Warranty will be voided by damage or failure caused by incorrect procedure. Before proceeding to install Add-A-Leaf, please fully read instructions and ensure that necessary tools are on hand.

Always wear personal safety protection ie. Safety glasses and gloves to prevent injury.

Kit Contains:

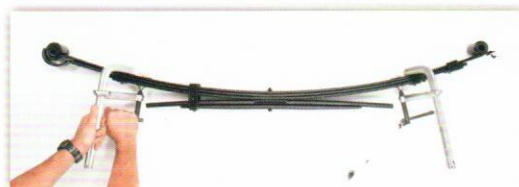
- 2 x Ironman 4X4 Add-A-Leaf
- 2 x M10 centre bolts
- 2 x M8 centre bolts
- 4 x Anti-friction pads

Tools & Equipment

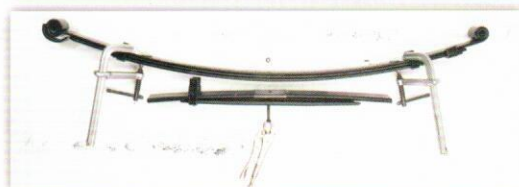
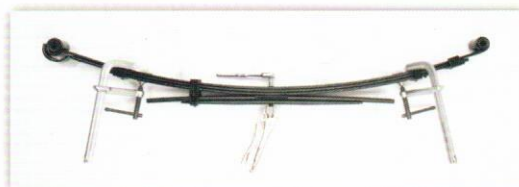
- 2 x Suitable 'G' or 'F' Clamps
- Ratchet with socket to fit centre bolt nut of leaf spring
- Suitably sized ratchet ring spanner for centre bolt nut.
- Black Paint
- Vice Grips
- 3lb steel hammer
- Grinder with cutting disc

1. Clamp the primary stage leaves securely using two 'G' or 'F' clamps.

Warning: *The spring leaves store some energy being held by the centre bolt, use care not to allow the leaves to slip out of the clamps during procedure.*



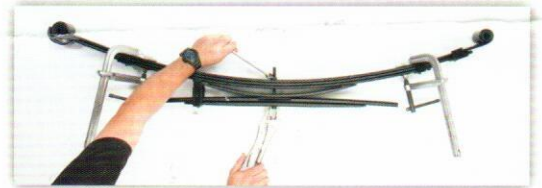
2. With the vice grips firmly attached to the head of the centre bolt, undo and remove the centre bolt nut using the appropriately size socket.
If spring is equipped with a centre bolt with a hex head, use a ring spanner or socket and ratchet to prevent bolt from rotating. Remove the centre bolt from the spring pack being careful not to move the spring.



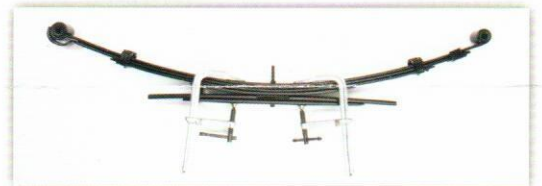
- 3.** Carefully move the second stage away from the primary stage enough to add the Add-A-Leaf between the two stages and position the Add-A-Leaf as shown using the new centre bolt to align through the holes.



- 4.** Gently tap the new centre bolt through the springs being careful not to damage the thread. Install the nut and tighten until moderate tension is felt.

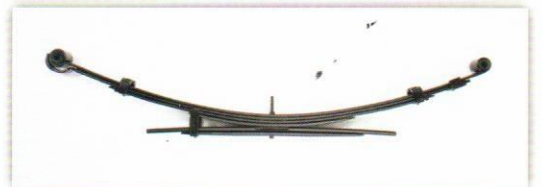
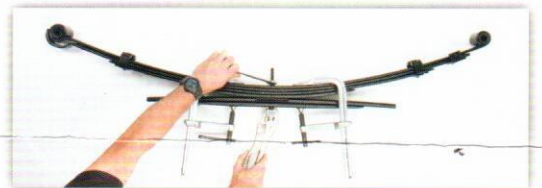


- 5.** Remove the two clamps and reposition to clamp both the primary and secondary stages as shown. Ensure that the leafs in the spring are aligned correctly before re-clamping.



- 6.** With the spring fully clamped, tighten the centre bolt before removing the clamps.

M8 Centre Bolt Tightening Tension: 40N/m – 30ft/lbs
M10 Centre Bolt Tightening Tension: 50N/m – 37ft/lbs



- 7.** Wearing appropriate personal safety protection, use an angle grinder to trim the centre bolt leaving approximately 4 threads protruding through the nut and touch up the cut area with black paint to prevent rusting.

