

## ABI Rascal Setup Instructions



*(Gravel Rascal, Arena Rascal Pro and Infield Rascal)*

### *Thank You*

On behalf of the ABI family we want to thank you for your recent purchase of your Rascal. Our company goal is to provide our customers with innovative, quality tools as well as first rate customer service.

These instructions are designed to help you, the customer, get your new Rascal off the delivery pallet and into the standard operating position. Once you have put your Rascal to work, if you have any further questions, please don't hesitate to call our toll free number (877-788-7253) and talk with one of our friendly and knowledgeable ground prep specialists.

### *Tools You Will Need:*

The only tools you will need to assemble your Rascal are a utility knife and a tape measure.

### *Setup Instructions:*

1. Un-strapping your Rascal from the pallet

Your Rascal comes strapped to a delivery pallet and is bound to the pallet with plastic straps. Simply grab the tail of each strap with your hand and pull. This will break the strap from the pallet. Each Rascal will have up to three straps bound to the pallet.



2. Cut the plastic wrap that is holding the two jacks together. The jack that controls the pivoting comb will fall away loose. This is okay; you will reattach it in a few moments.



3. Lower the tongue of the Rascal to the ground



4. Hook the Rascal up to your tow vehicle. It is very important that you do this before making any other adjustments. By attaching the Rascal to your vehicle it makes the rest of the assembly and adjustments much easier.



5. Remove the two hitch pins from the jack and top link tower. First you will remove the longer pin and then remove the smaller pin.



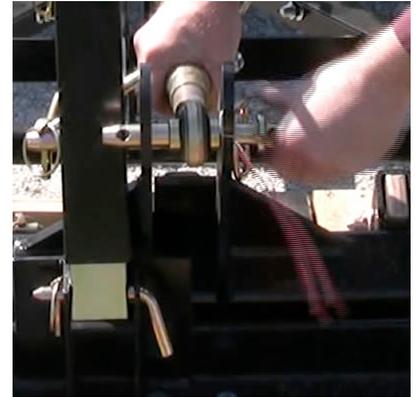
6. You will need to lift your gold top link out of the way for a moment. Just raise it up and lean it against the wheel jack.



7. Now take the long pin that you just removed, lift the pivoting comb jack into a vertical position and attach it to the jack and top link tower. You will put this pin through the lower hole in the tower and then run it through the receiver on the jack. Make sure that you then put on your lynch pin. (snap ring)



8. Now attach your top link. Your top link comes completely closed for shipping purposes. Because of the way the Rascal needs to be shipped you will have to extend your top link almost all the way and then position it with the second to the bottom hole in the tower. Now use the small pin and attach your top link.



9. Apply downward pressure to the wheels of the Rascal. *(If you purchased the optional, electric, actuator you will need to connect the wiring harness to your battery. This does not need to be the permanent hook up; just temporary so you can move the Rascal from the pallet)* Turning the handle of the jack (or using the actuator) apply pressure to the wheels of the rascal until you have raised the back of the Rascal approximately one foot in the air. Now you can get in your vehicle and gently move the Rascal off the pallet.



10. Now it's time to adjust your Rascal and put it in the standard operating position. First you are going to put the Rascal tube (the ripping teeth are attached to the tube) into the proper position. In order to do this you will need to close up your gold top link until there are only two inches of thread showing at both ends. This will put your ripping teeth or optional profile blade at the desired angle to come into the ground.



11. The ripping teeth of the Rascal come assembled in the second hole from the top of the holding tube. You have four holes to choose from for depth but we recommend that you leave the rippers where they are to start with. This gives you approximately two inches of depth. If you choose to move the rippers to a different hole you can tell how deep you will be in the ground by the amount of gold shank that is showing between the bottom of the tube and the top of the tooth.



12. The final adjustment you will make to your Rascal will be to put the pivoting comb in the standard position. For the purpose of raking material you will use the jack handle to lower the comb until it appears as though it would touch the ground if you were to lower your Rascal to the ground. Once you have lowered your Rascal to the ground you may need to make a small adjustment to the combs position. If you have loosened your material with the ripping teeth and you want to use the comb to grade, simply use the jack to extend the comb until it is straight up and down and perpendicular to the ground. Now when you use the Rascal you can move material to fill in holes and low spots.



13. For those of you who purchased the optional Profile blades, the set up and positioning of the Rascal is the same as described above.

14. Now you are ready to lower the Rascal to the ground and put it to work. Once again, if you have any further questions about the set up and use of your Rascal, please call 877-788-7253 and speak with one of our ground prep specialists.