

# AZ PREDATOR 212 RULES 2020

\*\*\*\*This is for FUN!! Affordable classes for the entire family to enjoy\*\*\*\*

Safety Is our main concern. Therefore, we are asking all drivers to have an ABC Fire extinguisher that will put out an alcohol fuel fire in their pit area. Should you choose not to comply with this rule you are assuming total responsibility for your own safety. Go-Karts that come to race must be in SAFE race ready condition! It is the Kart owner/driver's responsibility to ensure that their go-kart is in SAFE working condition.

## Membership \$25 per year

- Members \$10 pill draw at all points races for 2020 season.
- Non-Members \$20 pill draw at all points races for 2020 season.
- Kart numbers will be registered at membership sign ups.

## Driver and Apparel Must Haves while racing:

- Driver must be 16 at time of race with valid ID
- Pants. If you are not wearing a driving suit, then you must wear jeans with no holes or tears
  - NO sweatpants basketball pants or spandex
- Karting jacket, or driver uniform
  - Fire suit ok but not required
- Long hair must be well-secured and kept under helmet o No loose clothing or hoodies permitted while racing! This is to ensure safety
- Closed toed shoes
- Full faced helmet with shield, NO dirt bike style helmet with goggles
- Neck guard or brace designed for racing is required
- Gloves

## Kart Requirements:

By definition, a go-kart is a vehicle manufactured for the purpose of racing and must be a racing frame

- Flat Kart only, no cage karts
- Working hydraulic brakes on rear axle
- Front bumper can be no wider than inside of front wheels,
- A fiberglass karting nose is acceptable –

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- NO plastic asphalt style bumpers (see below)
- Rear bumper no wider than side bodywork or rear tires if full side panels being used. If using a wide rear bumper, it must measure 6" minimum height at edges as to not cause damage to other karts valve stems in case of contact (see rear bumper diagram)
- Side kickout/ Nerf bars must be in place
- All bodies, side panels and nose pieces must be securely mounted
- Kart numbers must be at least 6" tall on nose, both side panels and rear number plate. Solid Colors No Metallic unless outlined in a Solid Color. If the scorers cannot see your numbers properly you will be asked to change them. If you do not comply, within two (2) races then you simply will not be scored!!!
- All karts must have a chain guard which is designed to retain a broken chain
- Floor pan's must be within one inch of the frame from the front of the seat forward
- Seat must be securely bolted to frame and not be adjustable while kart is in motion

**Engine requirements** o Stock 212 Predator Engine-Hemi only part # 60363

## **SEAL from KART WERXS ONLY... READ READ!**

- A sealed unopened Box must be taken to AZ Kart Werx and they will put the seals on. If you have questions please call AZ Kart Werx 623-516-7535
- Stock Gas tank on engine ONLY o Stock Crank/Piston
- Stock Flywheel, must have stock keyway
- NO grinding, polishing, deburring or any modifications to intake or exhaust ports of the cylinder head
- No grinding, polishing, deburring or any modifications to phenolic spacer o All Carb gaskets and O-rings must be in place
- Stock coil, no modifications to coil or mounting of coil in any way including timing
- Stock Hemi (SP) carburetor only
  - o No modifications can be made to any part of the carburetor body (venturi's, openings, air bleeds) –
  - o The choke must be in place unaltered

**ONLY modifications to engine that are acceptable are below. Any changes outside of this will result in a DQ/Penalty/Fine**

- Change Muffler and or pipe
- Air Filter adapter and air filter
- Spark Plug
- Bypass Governor EXTERNAL ONLY
- Unplug oil sensor
- New stock valve springs replacement done by AZ Kart Werx only
- Main Jet any size

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- Pilot jet any size
- Emulsion tube any size
- Air bleeds must remain stock! See min/max size and diagram below –
  - Low speed air bleed .054 MIN .056 MAX –
  - High speed air bleed .039 MIN .041 MAX
  - Your engine seals must be in the driver or kart owners name on the AZ Kart Werx list!

**Please make sure your engines are on the list and current or subject to DQ**

➤ If you change an engine of a kart because of mechanical problems or there is a driver change you must start at the rear of your next race. Track official **MUST BE NOTIFIED** or you will be DQ. Both engines go to tech if to be teched.

### Weight

- All AZ212 karts must have a minimum weight of 375lbs when driver is sitting in it. Subject to change.
- All weights must be double nutted with 5/16"th minimum bolts, painted white and the number of the kart on them

### Tires

- Hoosier or Burreis factory Dirt Treaded tires **ONLY**

### Fuel/Gas

- Fuel can and will be tested at any time during or after an event.
- The fuel will be tested with a (+10, -10 points) against a sample from a source pre-determined, and close to the event of the day. Before an event a gas station close to the event location and fuel grade will be given. For example: gas station XYZ at 1234 sw Integrity way, XX Octane
- **NO ADDITIVES** in fuel allowed
- If you're deemed illegal you will be disqualified from the current event, and a fine of \$150 will be assessed for before you and/or the kart owner can run any future AZ 212 sealed events.
- If you are deemed illegal and you protest the results of the test, a sample of your fuel will be sent to an independent lab and tested at your expense.
- If the fuel passes you will be reimbursed the test fees and the fine will be waived.
- If the fuel is deemed illegal again you will then face an additional two race suspension on top of the fines above. The suspension time will not start until the fines are paid.

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## Drivers Meeting:

- It is mandatory that all drivers attend drivers meeting unless otherwise instructed by a track official.
- Failure to comply may result in loss of starting position, disqualification or suspension.

## Track and Infield

- Only authorized personal shall be in the infield or on the track at any time during the racing program.
- If your kart stalls before the green flag flies (in the pits or on the track) you will have a five (5)-lap cautions to start in your original position, otherwise be ruled a DNS (did not start)
- After race has started if your kart should stall you must go to the center of the racetrack and be restarted (except in the case of a red flag). It is not the track's personnel responsibility to restart your kart. If able to restart the kart must pull back on the track on the straightaway under yellow flag only and must go to the back of the pack during yellow flag.
- All restarts after the first lap is completed will be single file or per the discretion of flagman
- Only 3 attempts to start the race at double file green flag start. After 3 attempts or per the flagman's discretion a single file start

**Flaggers and Track Officials:** Under NO circumstances is anyone to argue with or approach the flaggers or scorers. Their decisions are final, and any driver caught in violation will be disqualified from the day's events. Any non-driver caught in violation will be asked to leave the track.

## Flags

- **Green Flag** signifies the official start of the event. Green may be followed by an immediate yellow for complete restart at the discretion of the Head flagger. On a caution lap restart, race will resume immediately when green flag is displayed.
- **Yellow Flag** signifies track is not clear. Karts must reduce speed and remain in position; NO PASSING IS ALLOWED. Do not race back to the Caution Flag! Line up in single file line in the order of the last lap complete. Drivers are responsible of knowing their position. Hold your spot if you believe you belong there; the track officials will make the final decision. > Two Yellow Rule, if you cause two yellow flags you will be Black Flagged.
- **Red Flag** signifies automatic halting of the race. All karts must come to complete stop in a safe orderly manner. Race will be restarted at the last lap finished under green.
  - Kart(s) and driver(s) safety equipment involved in an accident may be required to stop for inspection by the officials only. Officials may not allow a kart to continue or safety equipment to be used if there is reasonable visible evidence that the kart or safety equipment is damaged and may pose a safety risk in

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general. This decision shall be made solely by event officials, and not the drivers involved.

- Any driver who has lost consciousness, indicates a strong likelihood of concussion (dizziness, vomiting, blurred vision, memory loss), or indicates a reasonable chance of serious injury may not be permitted to continue in any official session for that event, and is at the discretion of the sanctioned event medical staff and/or the Race Director. The driver may be required to be cleared by a Medical Doctor before being allowed to attend further AZ212 race
- **Black Flag** rolled and pointed at a driver signifies a warning for rough riding or unsafe driving. A Black Flag waved at a driver signifies that they are disqualified from the heat or feature and must retire to the infield or pits in a safe manner. A Black Flag may be thrown if a kart has mechanical difficulties. If violation is remedied the kart may return, under the track official's discretion. A kart leaving the track to go into the pits may NOT reenter the race. NO exceptions!
- **White Flag** signifies that one lap remains before the completion of the race. If a yellow flag is thrown during the white flag lap the race will start on the last lap completed.
- **Blue/yellow Flag** signifies that the driver needs to move over and hold your racing line.
- **Checkered Flag** signifies completion of event.

## TECH RULES

- Tech personnel has right to disqualify any driver for being disorderly in tech area.
- Top 4 karts after each heat race and B mains must weigh in after coming off the track prior to going to pit.
- Top 4 karts and one alternate (may be chosen by AZ212 or track official) after main event is to report to scales for weigh in and engine tech.
- After the main event the karts to be teched will be directed to the impound area, failure to go directly to the impound area will result in disqualification and loss of all points and money.
- Not stopping to get weighed or making minimum weight after a Heat race, you will have to tag B- main or Main event. If there is no B-main and the maximum number of karts are already in the Main event no additional positions will be added for you!
  - First refusal to tech is 2 races off. All points and money lost for the night.
  - Second refusal to tech is 3 races off. All points and money lost for the night
  - Third refusal don't come back rest of year!

If you are getting teched and kart/driver is under weight, the officials can still ask to tech the engine.

Two (2) people will be doing tech. If there is any question of legality an AZ 212 official, (if it's not his kart) and techs will make the final decision.

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**If you are deemed illegal at tech:** Any illegal parts WILL BE Confiscated by the official Tech on the spot AND removed from circulation. **YOU WILL NOT GET THE PART BACK!**

- 1st offense- \$200 Fine for each violation found and must be paid before you race again!! All accumulated points will be lost to the point of being illegal.
- 2nd offense-\$400 Fine for each violation found and 6 months race suspension from stock class.
- 3rd offense-\$500 Fine for each violation found and 1-year suspension from the date of offence

All fines collected will be added to the AZ 212 sealed class point fund.

## **Conduct**

This is a family sport; fighting and excessive foul language is prohibited. Anyone using foul language at any track official will result in automatic one race suspension.

Arguing with track official is prohibited! If you have a problem, bring it to the track officials' attention calmly after the day's races are over. If you choose to bring it to any track official in any manner other than in a calm fashion you will be asked to leave the track until further notice. This rule applies to all drivers, parents, and /or spectators, there is a zero-tolerance policy with this rule. Constructive criticism delivered with appropriate tact is welcomed.

\*\*\*\*\* No reading between the lines, if it is not in the rules it must remain stock and unaltered. No modifications can be made unless specifically stated in the rules\*\*\*\*\*

**Keeping the racing equal and maintaining the Integrity of the AZ 212 classes is our top priority. For questions contact Gary DeWitt 480-251-4534 Tony Morris 480-544-7115**

## **Engine Claim**

An engine claim of another competitor's engine can only happen after a main event

1. A Claim fee of \$200 in US currency is due no less than 5 minutes after end of that main event.

Official has the right to recognize the validity of a Claim and reject any Claim. After Claim fee has been posted and accepted, no withdrawals and no refunds.

2. Points and winnings of the Claimed will be held till engine Claim is completed. If engine is deemed legal, all points and winnings will be returned to driver. If engine is deemed illegal, points and winnings will be allocated to the appropriate racer(s).

3. Claim can only come from a driver in the same main event

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4. A Claim can only be towards one of top 4 finishers of the main by a fellow racer in same main event.

5. An engine Claim consists of confiscation of Claimed engine. The engine owner keeps exhaust, clutch, chain guard, and air cleaner.

Disorderly conduct from either driver or crew members will result in penalties, disqualifications, or suspensions of drivers and crew.

## **Claim refusal:**

- 1st offense. Lose all points and money accumulated for the racing event and forfeits the right to post any Claim for the rest of the season and a 4 race suspension.
- 2nd offense. Lose all money accumulated for the racing event, lose all points accumulated for the entire season and pay a \$200 fine before returning to competition.

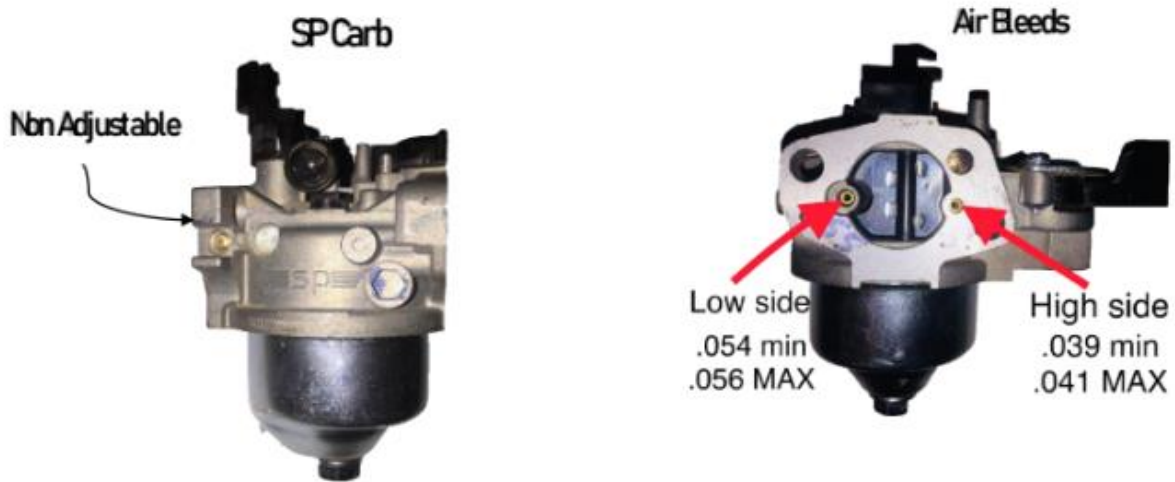
Any driver can be claimed as many times as someone wants to claim within a year. No limit on being claimed or claiming others.

## **Carburetor Claim/Swap**

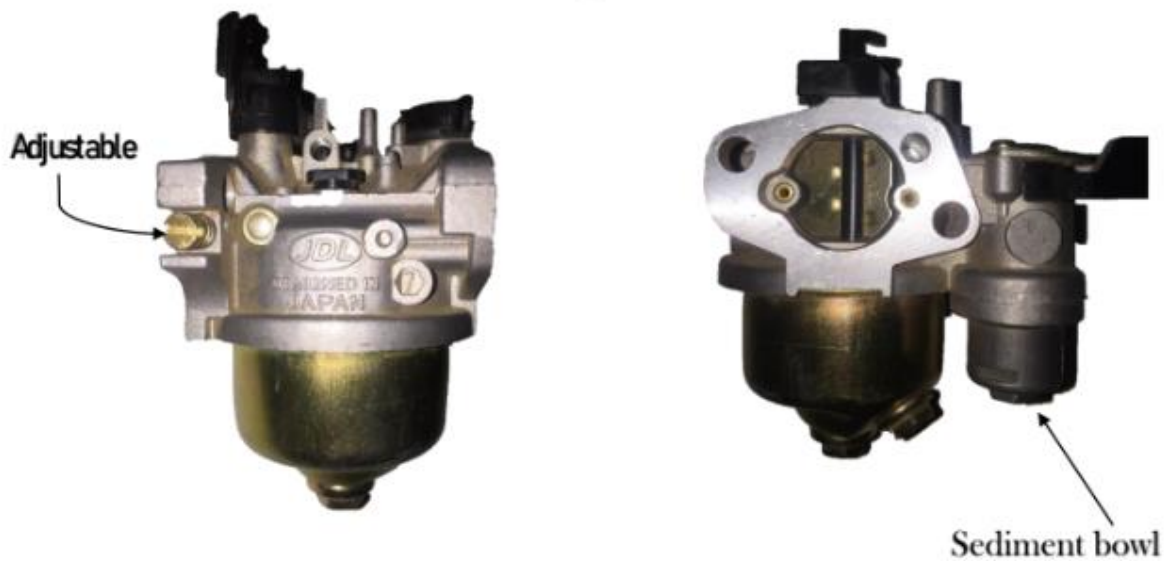
\$25 swap at the race. Must be top 4 finisher to be swapped and finish the main event to swap. Both carburetors will come off the engine in tech and checked before being exchanged. No limit on carb swaps. You can not reclaim your carb back the same night.

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## Legal Carburetor



## Illegal Carburetor





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