



35" ZTR RIDE-ON MOWER

OWNER/OPERATORS MANUAL

**INCLUDES
ILLUSTRATED PARTS LIST**

MODEL A19121L

PRODUCT CODE CZ24C35



READ THIS MANUAL BEFORE OPERATING MACHINE

**DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY OCCUR UNLESS
INSTRUCTIONS IN THIS MANUAL ARE FOLLOWED**



NOTE: WARRANTY POLICY AND WARRANTY REGISTRATION ARE ONLINE
Go to <https://coxmowers.com.au/pages/warranty-policy>
Or Use the QR code for Warranty Registration

OWNERS INFORMATION

MACHINE SERIAL NO: _____

Located on label on Housing under Seat

ENGINE : _____

SERIAL NO: _____

DATE OF PURCHASE: _____

OWNERS NAME: _____

ADDRESS: _____

TOWN/CITY: _____ **STATE:** _____

**AUTHORISED COX
DEALER/DISTRIBUTOR:** _____

ADDRESS: _____

TOWN/CITY: _____ **STATE:** _____

PRE DELIVERY CHECK LIST

Check parts ☐ Assemble ☐ Service ☐ Instruction ☐

ALWAYS KEEP THIS MANUAL IN A SAFE PLACE.

Due to COX INDUSTRIES' ongoing commitment to product improvement, we reserve the right to change product specifications, configurations, and company policies at any time without notice.

SAFETY INSTRUCTIONS

- Read, understand, & follow all instructions in the Owner/Operators manual.
- Know the controls and how to stop the engine quickly in an emergency.
- Allow only responsible adults, who are familiar with the instructions in this manual, to operate the machine.
- Clear the area to be mowed of loose objects such as sticks, stones, bones, wire, toys, debris, etc., which could be picked up and thrown by the blades.
- DO NOT mow whilst people, especially children, or pets are in the mowing area.
- DO NOT mow either direction on slopes beyond 15 degrees (1 in 3.75)
- Exercise extreme caution on slopes.
- Reduce speed on slopes and in sharp turns to prevent overturning or loss of control.
- Start or stop slowly when on slopes.
- Mow up and down slopes, not across the slope.
- Stay alert for holes or bumps in the terrain and other hidden hazards.
- Watch out for traffic when crossing or operating the mower near roadways.
- Stop the blades rotating before crossing surfaces other than grass.
- When using attachments, never direct discharge of material toward bystanders nor allow anyone near the machine while it is in operation.
- Before leaving the operators position-
 - a] Disengage all clutches and secure cutting units;
 - b] Return drive levers to neutral position and set the parking brake;
 - c] Stop the engine and remove the key.
- Disengage drive to attachments and stop engine-
 - a] Before refueling.
 - b] Before checking, cleaning or working on the mower;
 - c] After striking a foreign object (check the mower for damage and make repairs before restarting and operating the equipment);
 - d] If machine starts to vibrate abnormally (check immediately).
- Disengage drive to attachments when transporting or not in use.
- A mower operator should be in good physical and mental health and not under the influence of alcohol or any drug which might impair vision, co-ordination or judgment.
- Never mow while barefoot or wearing open sandals or thongs. Wear long trousers and heavy shoes.
- It is advisable to wear suitable eye protection when operating a mower.
- Mow only in daylight or good artificial light.
- Before using, always visually inspect to see that cutter blades are not loose, worn or damaged. Replace worn or damaged blades.
- Check all nuts, bolts, and screws often; always be sure the mower is in safe operating condition.
- Keep safety devices (guards and switches) in place and in working order.
- Never use the mower unless the guards provided by the manufacturer, are in position.
- Ensure any replacement parts used comply with the original manufacture's recommendations and specifications.
- Replace worn or faulty silencers.
- Keep machine free of grass, leaves or other debris, excessive oil, grease, or spilt fuel. These can be a fire hazard.
- Refuel outdoors only. Do not smoke while refueling engine. Never remove the cap of the fuel tank or add petrol while the engine is running or the engine is hot. Remove fuel cap slowly to relieve any tank pressure. If fuel is spilled, do not attempt to start the engine but move machine away from the area of the spill and avoid creating any source of ignition until fuel vapors have dissipated.
- Check for fuel leaks while refueling, before and while using the mower. If a fuel leak is found, do not start or run the engine until the fuel leak is fixed and spilled fuel is wiped away.
- Do not operate engine in a confined space where exhaust fumes (carbon monoxide) can collect.
- Always mount the mower from the front or non discharge side.
- Start the engine carefully with the cutting means disengaged.
- Do not over-speed the engine or alter governor settings. Excessive speed is dangerous and shortens mower life.
- Stop the engine whenever you leave the mower, even for a moment.
- Store the mower in a well-ventilated room away from naked flames such as may be found in hot water heaters.
- Do not lend or sell the mower, without the owners/operators Manual.

PRE-DELIVERY INSTRUCTIONS

THANK YOU, for purchasing a COX COMPACT ZTR Ride-on Mower.

RESPONSIBILITY:

It is the responsibility of the dealer/distributors to ensure that before a machine is delivered to a customer, it is in perfect operational condition.

PROCEDURE:

Unpacking Instructions - Inspect the shipping crate and contents for damage. Position the shipping crate on a firm flat level surface with at least 3 meters distance from any obstruction to the end of the crate adjacent to the front of the Ride-on Mower.

! Caution you can be seriously injured by the metal strapping which has sharp edges and can spring out when cut. Wear gloves when handling metal strapping.

! Caution you can be seriously injured by sharp nails protruding from the shipping crate.

Cut and remove the straps restraining the Ride-on Mower to the ends of the shipping crate. Remove the end of the shipping crate adjacent to front of the Ride-on Mower. Remove the plastic sheet covering the Ride-on Mower. Unlock the park brake by moving the park brake lever down fully. Unlock the Transaxle Disengage Link from the engaged position by lifting up then pulling fully towards the back of the Ride-on Mower then pushing down to lock in the disengaged position. Pull the Ride-on Mower from the shipping crate. Once stopped the Park Brake Lever should be locked on by pulling lever up fully. Remove the Drive Control Levers. Seat Sub-assembly, & other loose components from the packaging.

Dispose of all packaging material responsibly. Do not leave the plastic sheet unrestrained, it can blow away to become a safety hazard.

CHECK PARTS SUPPLIED IN SEAT PROTECTION BAG

- ☐ Seat Sub-assembly
- ☐ Operators Guide Booklet
- ☐ Engine owner's manual
- ☐ Ignition keys (A210062KEY x2)
- ☐ One tool kit set
- ☐ One combo wrench (flat screwdriver & wheel nut socket).

CHECK ITEMS SUPPLIED LOOSE

- ☐ Left Drive Control Lever (A191417)
- ☐ Right Drive Control Lever (A191418)

Assembly Inspection Checklist :

☐ INITIALISE HOURMETER

Turn the Hourmeter on by pushing the Button until the display of the Hourmeter shows the three digits 0.00. The Hourmeter is of a vibration type and will record (once on) the number of hours the engine vibrations excites the Hourmeter.

Once on the Hourmeter will continuously display the operating hours.

☐ Install MOUNT Seat And Adjust footrest position

Install the Seat & Mounting to the Front of the Centre Console using the Screws Washers and Nuts. Attach seat switch wiring to seat switch. Adjust the Floor/Footrest position to suit the operator if required.

BATTERY

Install the battery cover after connecting the positive (+) and negative (-) battery cables.

This machine is fitted with a maintenance free battery. Recharge only if required.

☐ Install drive Control levers

Install the Left & Right Drive Control Levers using the Bolts, Washers, & Dome Nuts, to the sides of the Neutral Links at a height position to suit the operator. Align the Grips on the Drive Control Levers and tighten at a backwards/forwards position to suit the operator.

Check that the maximum forward travel distance of the Left and Right Control Levers is aligned. If adjustment is required, fine-tune the front Button Screw BHSSM8X35.

☐ Tyre Pressure & Tyre Nut Tightness Check

Before operation ensure that all tyre pressures are equal from side to side. The recommended pressures are:-

Front Wheel:

140 Kpa (20psi) approximately 11x 4.00- 5(F) .

Rear Wheel: 105 Kpa (15psi) 18x6.50-8

☐ ENGINE OIL

! Before operation ensure that engine oil level is to the full mark on the dipstick.

(Read engine owners manual for correct procedure to check & adjust oil level).

☐ FUEL TAP

Ensure both fuel taps located at the bottom inside of both sides of the Fuel Tank are turned to the ON position before attempting to start the engine.

(Use unleaded fuel only).

☐ Check the operation of the Safety Start Switches.

Drive Lever Switches - With Cutter PTO switch in DISENGAGED position and Park Brake Lever set in the ON position and the Drive Control Levers in the DRIVE position. Attempt to start the engine.

Engine should not start.

Cutter PTO Switch - With Drive Control Levers in the locked out NEUTRAL position and Park Brake Lever set in the ON position, and Cutter PTO Switch in the ENGAGED position. Attempt to start engine.

Engine should not start.

Park Brake Lever Switch -

With Cutter PTO Switch in DISENGAGED position and the Drive Control Levers set in the locked out NEUTRAL position, and the Park Brake Lever in the OFF position. Attempt to start the engine.

Engine should not start.

With Cutter PTO Switch in DISENGAGED position and the Drive Control Levers in the locked out NEUTRAL position and the Park Brake Lever set in the ON position. Attempt to start the Engine.

Engine should start.

Seat Switch -

While sitting on stationary machine with Engine running ENGAGE Cutter PTO Switch. Lift weight from Seat. **Engine should stop.**

While sitting on stationary machine with Engine running and Cutter PTO Switch in DISENGAGED position, set the Park Brake Lever in the OFF position and then the Drive Control Levers in the DRIVE position. Lift weight from Seat. **Engine should stop.**

Drive Control Lever Switches -

While sitting on stationary machine with Engine running and Cutter PTO Switch in DISENGAGED position and Park Brake Lever set in the ON position attempt to move the Drive Control Levers to the DRIVE position.

Engine should stop.

Park Brake Lever Switches -

While sitting on stationary machine with Engine running and Cutter PTO Switch in DISENGAGED position, and Drive Control Levers in DRIVE position, attempt to set the Park Brake Lever in the ON position.

Engine should stop.

OPERATING INSTRUCTIONS

IMPORTANT

The careless or improper use of a machine of this type can be dangerous. The manufacturer or selling agent does not accept responsibility for accident either to the operator, to the owner or to any person directly or indirectly or to property if such accident is caused by circumstances arising other than by the negligence or default of COX INDUSTRIES.

TRANSAXLES

Read and follow the Hydro-Gear Operating Instructions, including all safety requirements and maximum load limits. Refer to the Hydro-Gear website or contact COX for further information.

RECOMMENDED FUEL

Unleaded fuel is recommended by all manufacturers of engines fitted to Cox products (up to 10% ethanol blended unleaded fuel is acceptable).

SAFETY SWITCHES

Before operating machine, ensure that all safety switches are operating correctly as per Pre-delivery Instructions. Do not operate machine with faulty, missing or damaged safety switches.

BLADE WARNING

Do not use mowing attachment with broken, bent, or damaged blades, or damaged or worn bolts and nuts otherwise damage and premature wear will result from vibration. Recommended Cutter Blade Bolt and Nut torque is 36-40Nm. Do not over tighten.

Keep feet and hands clear of the mowing attachment at all times while operating or attempting to start the machine.



WARNING



DO NOT OPERATE THE MOWING ATTACHMENT WITHOUT DISCHARGE DEFLECTOR FITTED & DOWN.

Reference to left or right hand side of machine is determined by sitting in the operating position on the machine.

Safety footwear is recommended when operating machine.

Mount and dismount only from the centre front or non discharge side of machine.

Ensure machine has Park Brake Lever set in the ON position and Drive Levers are in the locked out NEUTRAL position and Cutter PTO Switch is in the DISENGAGED position while attempting to start engine.

Never allow engine revs to exceed 3600 RPM.

TO OPERATE

BEFORE STARTING/SWITCHING OFF:

Read & Follow Engine Owners Manual Instructions.

Before stopping the engine:

Stop the mowing attachment

Return the engine speed control to slow position.

Then turn the Key Switch to the OFF position.

STARTING ENGINE

When starting machine, place Drive Levers in the locked out NEUTRAL position. Ensure that Cutter PTO Switch is in the DISENGAGED position and the Park Brake Lever is set in the ON position otherwise electric start will not be activated. If engine is cold, pull choke control (if equipped) up to choke position and engine speed control knob to fast position, or move engine speed control knob to choke position. Turn key switch to start position and release to the on position once engine has started. Once engine is running gradually return the choke control (if equipped) to depressed position, or move engine speed control to the fast position. Do not continue to operate the engine in the choke position.

If engine is hot move engine speed control to the fast position. Turn key switch to start position and release to the on position once engine has started.

TO OPERATE THE MOWING ATTACHMENT:

Bring the engine up to the normal operating speed.

The Mowing Attachment is engaged by pulling up the large yellow knob (P.T.O. Switch) on the left hand control panel.

Before starting ensure knob is in the disengaged position (down). For safety it is advisable that the mowing attachment be not operating (Cutter PTO Switch be in the disengaged position) other than when mowing grass.

TO DRIVE FORWARD/REVERSE:

Engine speed and ultimate drive speed is regulated by setting the engine speed control to desired engine speed.

To drive forward push both the drive control levers forward from the neutral position.

To drive in reverse pull both the drive control levers back from the neutral position.

The further the drive control levers are moved from neutral the faster the drive speed.

To slow down when driving forward pull both drive control levers back.

To slow down when driving in reverse push both drive control levers forward.

The position of the drive control levers can be used to control the ground speed, especially in heavier conditions. Owing to the inline action of the drive levers, it is possible to take the machine straight from forward to reverse and vice versa.

MANOEUVRING/TURNING:

The independent forward and reverse operation of 2 separate drives makes the machine very manoeuvrable and the sharpest turns can be negotiated easily and quickly.

Move the left hand drive control lever forward to turn the machine in a right hand turn direction.

Move the right hand drive control lever forward to turn the machine in a left hand turn direction

Move the left hand drive control lever backwards to turn the machine in a left hand turn direction.

Move the right hand drive control lever backwards to turn the machine in a right hand turn direction.

Adjustment of the speed of each rear wheel to suit the turning manoeuvre required will minimise the possible damage to the turf caused by having one wheel rotating too slow for the manoeuvre required.

NOTE: When mowing on slopes, keep drive levers in forward or reverse, depending on direction of travel. The low gearing will prevent it from picking up excessive speed. If very steep it may be necessary to reduce engine speed slightly.

TO BRAKE (WITH ENGINE RUNNING):

The drive levers should be used to stop the machine travel.

Do not use the park brake lever to stop the machine travel except in an emergency as the park brake mechanism will be permanently damaged.

If travelling forward pull both drive control levers backwards evenly until the machine travel stops, then return both the drive control levers to the neutral position.

If travelling in reverse push both control levers forward evenly until the machine travel stops, then return both the drive control levers to the neutral position.

PARK AND TRANSPORTATION BRAKE:

The park brake lever is located on the front left hand side of the control housing. Pull the lever up fully to engage park brake. Push the lever down fully to disengage park brake.

Do not attempt to bring the machine to a stop using the Park Brake Lever as permanent damage will be done to the Park/Brake mechanism.

CUTTING HEIGHT ADJUSTMENT:

The cutter height adjustment lever is located on the front right hand side of the control housing, and may be raised to suit various conditions.

To raise or lower the mowing attachment, lift the height adjustment lever slightly and depress button, once button is depressed raise or lower the mowing attachment to the desired position and release button.

MAINTENANCE INSTRUCTIONS

It is the owner's responsibility to ensure that all periodical checks, necessary adjustments and services are carried out.

STOP ENGINE - Never attempt any maintenance with the engine running, remove spark plug lead and ensure the blades have stopped rotating.

Before servicing, disconnect spark plug wire and ground it, disconnect battery at negative terminal, to prevent accidental starting.

OIL CHANGING & FILTER REPLACEMENT (ENGINE):

See Engine OWNERS MANUAL and carry out as per Engine Manufacturers Recommendations.

SERVICING ENGINE AIR CLEANER & FOAM PRE-CLEANER—

See engine owners manual for correct method to check and service engine air cleaner & foam pre-cleaner.

LUBRICATION OF MACHINE:

Lubrication check as per the maintenance schedule.

Lubricate every 25 hours of operation or once a month, whichever occurs first. Lubricate more frequently when operating under adverse conditions.

Apply a few drops of light machine oil to the following points:

- Height adjustment mechanism
- Pivot bolts
- Drive lever linkages

Before using the machine, ensure the front caster forks and pivot axles rotate freely and smoothly. If movement is restricted or grease is insufficient, apply grease using a grease gun to the grease nipple located at the top of each caster fork shaft.

ENGINE TO TRANSAXLES V BELT ADJUSTMENT:

The V-belt is automatically adjusted by the belt tensioning spring.

ENGINE TO CUTTER V BELT ADJUSTMENT:

The V-belt is automatically adjusted by the belt tensioning spring.

TO CHECK BLADES:

Stop the engine and remove the spark plug lead. Raise the deflector and set the height adjustment control to the highest position, then inspect the blades for wear.

If sharpening or replacement of the mower blades is necessary, remove the plugs near the drive spindle pulleys and use a 16mm socket with a suitable length extension to remove the blades. Alternatively, remove the mowing attachment for easier blade access and general underside inspection (refer to "To Remove Mowing Attachment" section).

TO REMOVE MOWING ATTACHMENT:

Remove the two tension springs from the V-belt tensioner bracket.

Remove the cutter belt from the rear PTO pulley.

Remove the four (4) bolts and nyloc nuts from both sides of the rear deck hangers.

Remove the rear pivot bolt from the rear push link.

Remove the bolt and nut from the tensioner arm link

CLEANING MOWING ATTACHMENT:

Ensure the mowing attachment is clear of obstructions. Attach standard garden hose to hose adaptor on either side of mowing attachment and turn on hose. Whilst sitting in the operators seat engage and run mowing attachment for two minutes, water from the hose will then circulate under the cutter and clean it. After cleaning disengage mowing attachment and remove hose from the adaptor.

TYRE PRESSURE:

Front Wheel:-140 Kpa (20psi) approximately.

Rear Wheel:- 105 Kpa (15psi) approximately.

Uneven pressure can give an uneven finish when mowing and may cause damage to tyres and/or tubes.

BATTERY MAINTENANCE:

Sealed battery. When not in use, a battery discharges by as much as 1% a day, more when the climate is warm. To make up for this loss, a boosting charge should be given once a month. Disconnect battery terminals to charge, then allow to stand minimum 1/2hr before re-connecting. If a battery is not used for a period of more than three (3) months, the terminals should be disconnected and trickle charged at two (2) amps for two (2) hours once every three (3) months or before use.

GENUINE SPARE PARTS:

Always use Genuine Cox Factory Made Spare Parts. Use of non-genuine COX spares may void your warranty.

SAFETY FIRST:

The use of any mechanical appliance can cause injury if incorrect procedures are used. Please ensure that all family members of intended operators read this manual thoroughly.

TORQUE SETTINGS

1/4" UNC BOLT/NUT 10 Nm (89 lbf·in)

5/16" UNC BOLT/NUT 20 Nm (180 lbf·in)

3/8" UNC BOLT/NUT 36 Nm (27 lbf·ft)

7/16" UNF BOLT

With Loctite: 60 Nm (44 ft·lb)

Without Loctite: 65 Nm (48 ft·lb)

For Metric Bolt:

M6 BOLT/NUT 9 Nm (80 lbf·in)

M8 BOLT/NUT 25 Nm (18 lbf·ft)

M10 BOLT/NUT 50 Nm (37 lbf·ft)

M12 BOLT/NUT 90 Nm (66 lbf·ft)

We are proud that you have purchased a COX product and urge you to follow these instructions to obtain maximum life from your machine. If in doubt, please check with your supplier.

MAINTENANCE SCHEDULE

BEFORE EACH USE

Check engine oil level, adjust if required
Check engine air cleaner foam pre-cleaner, service if required
Check engine rotating screen/finger guard, clean if required
Check operation of safety switches, service if required
Check hydraulic oil condition

Check tyre pressures, adjust if required
Check for loose fasteners, tighten if required
Check cutting attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check lubrication, adjust if required

BEFORE STORAGE

Change engine oil - Clean machine - Lubricate as per required - Follow the Transmission operating instructions

EVERY 5 HOURS

Check engine oil level, adjust if required
Check engine air cleaner foam pre-cleaner, service if req.
Check engine rotating screen/finger guard, clean if required
Check operation of safety switches, service if required
Check tyre pressures, adjust if required

Check for loose fasteners, tighten if required
Check cutting attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required

1 MONTH OR 5 HOURS which ever occurs first

Change engine oil
Check engine air cleaner foam pre-cleaner, service if required
Check engine rotating screen/finger guard, clean if required
Check operation of safety switches, service if required
Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing, and

guards for damage, replace if required
Check drive levers, adjust if required
Check for loose fasteners, tighten if required

DATE / / HOURS.....DEALER.....

3 MONTH OR 25 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER.....

6 MONTH OR 50 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, disc/s, housing, and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

9 MONTHS OR 75 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check drive lever for smooth action, adjust if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

12 MONTHS OR 100 HOURS which ever occurs first

Change engine oil filter
Change engine oil
Check engine spark plug, clean, adjust, or replace if required
If fitted clean engine exhaust spark arrester
Check engine air cleaner foam pre-cleaner , service if required *
Check engine air cleaner cartridge, service if required*
Clean engine cooling system*
Replace in-line fuel filter
Check for loose fasteners, tighten if required
Check operation of safety switches, service if required

Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Re-tension rear wheel retaining nut/s
Check belts for wear or damage, replace if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

15 MONTHS OR 125 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing and

guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check belts for wear or damage, replace if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

18 MONTHS OR 150 HOURS which ever occurs first

Change engine oil
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine rotating screen/finger guard , clean if required *
Check operation of safety switches, service if required
Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing and

guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

21 MONTHS OR 175 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

24 MONTHS OR 200 HOURS which ever occurs first

Replace engine oil filter
Change engine oil
Check engine spark plug, clean, adjust, or replace if required
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine air cleaner cartridge, service if required
Clean engine cooling system*
Check operation of safety switches, service if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

27 MONTHS OR 225 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

30 MONTHS OR 250 HOURS which ever occurs first

Change engine oil
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine rotating screen/finger guard , clean if required *
Check operation of safety switches, service if required
Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing and

guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

33 MONTHS OR 275 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

36 MONTHS OR 300 HOURS which ever occurs first

Replace engine oil filter
Change engine oil
Check engine spark plug, clean, adjust, or replace if required
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine air cleaner cartridge, service if required
Clean engine cooling system*
Check operation of safety switches, service if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

39MONTHS OR 325 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

42 MONTHS OR 350 HOURS which ever occurs first

Change engine oil	guards for wear or damage, replace if required
If fitted clean engine exhaust spark arrestor	Check belts for wear or damage, replace if required
Check engine air cleaner foam pre-cleaner, service if required *	Check drive lever for smooth action, adjust if required
Check engine rotating screen/finger guard, clean if required *	Check for loose fasteners, tighten if required
Check operation of safety switches, service if required	Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check tyre pressures, adjust if required	Check lubrication as per the maintenance instructions
Check mowing attachment cutter blades, bolts, nuts, housing and	

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

45 MONTHS OR 375 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature	Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check engine air cleaner foam pre-cleaner, service if required *	Check for loose fasteners, tighten if required
Check engine rotating screen/finger guard, clean if required *	Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check operation of safety switches and replace if required	Check lubrication as per the maintenance instructions
Check tyre pressures, adjust if required	

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

48 MONTHS OR 400 HOURS which ever occurs first

Replace engine oil filter	Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Change engine oil	Check belts for wear or damage, replace if required
Check engine spark plug, clean, adjust, or replace if required	Check drive lever for smooth action, adjust if required
If fitted clean engine exhaust spark arrestor	Check for loose fasteners, tighten if required
Check engine air cleaner foam pre-cleaner, service if required *	Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check engine air cleaner cartridge, service if required	Check lubrication as per the maintenance instructions
Clean engine cooling system*	
Check operation of safety switches, service if required	
Check tyre pressures, adjust if required	

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

51 MONTHS OR 425 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature	Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check engine air cleaner foam pre-cleaner, service if required *	Check for loose fasteners, tighten if required
Check engine rotating screen/finger guard, clean if required *	Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check operation of safety switches and replace if required	Check lubrication as per the maintenance instructions
Check tyre pressures, adjust if required	

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

54 MONTHS OR 450 HOURS which ever occurs first

Change engine oil	guards for wear or damage, replace if required
If fitted clean engine exhaust spark arrestor	Check belts for wear or damage, replace if required
Check engine air cleaner foam pre-cleaner, service if required *	Check drive lever for smooth action, adjust if required
Check engine rotating screen/finger guard, clean if required *	Check for loose fasteners, tighten if required
Check operation of safety switches, service if required	Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check tyre pressures, adjust if required	Check lubrication as per the maintenance instructions
Check mowing attachment cutter blades, bolts, nuts, housing and	

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

57 MONTHS OR 475 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

60 MONTHS OR 500 HOURS which ever occurs first

Replace engine oil filter
Change engine oil
Check engine spark plug, clean, adjust, or replace if required
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine air cleaner cartridge, service if required
Clean engine cooling system*
Check operation of safety switches, service if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

63 MONTHS OR 525 HOURS which ever occurs first

Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

66 MONTHS OR 550 HOURS which ever occurs first

Change engine oil
If fitted clean engine exhaust spark arrestor
Check engine air cleaner foam pre-cleaner , service if required *
Check engine rotating screen/finger guard , clean if required *
Check operation of safety switches, service if required
Check tyre pressures, adjust if required
Check mowing attachment cutter blades, bolts, nuts, housing and

guards for wear or damage, replace if required
Check belts for wear or damage, replace if required
Check drive lever for smooth action, adjust if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....DEALER.....

69 MONTHS OR 575 HOURS which ever occurs first

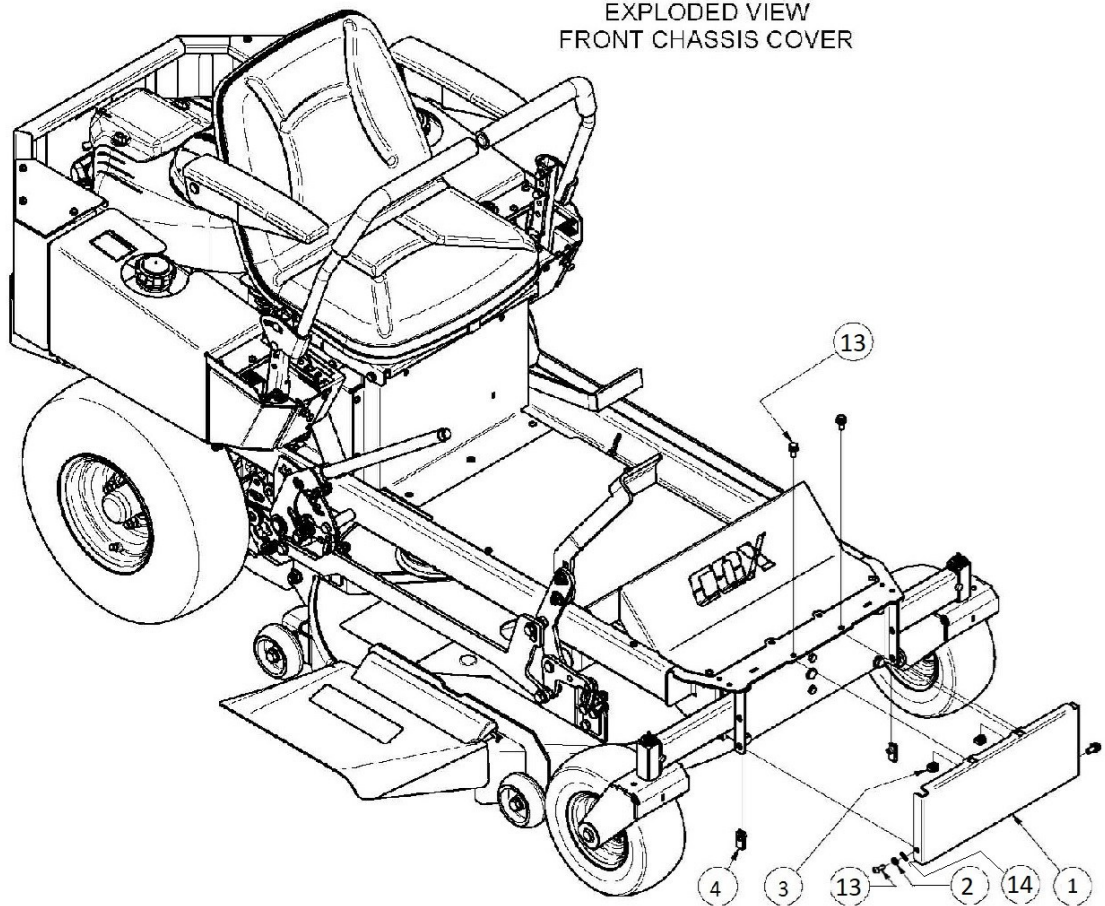
Change engine oil if operating under heavy load or high ambient temperature
Check engine air cleaner foam pre-cleaner, service if required *
Check engine rotating screen/finger guard, clean if required *
Check operation of safety switches and replace if required
Check tyre pressures, adjust if required

Check mowing attachment cutter blades, bolts, nuts, housing and guards for wear or damage, replace if required
Check for loose fasteners, tighten if required
Check transmission area for abnormal oil residue or debris blocking the cooling fan.
Check lubrication as per the maintenance instructions

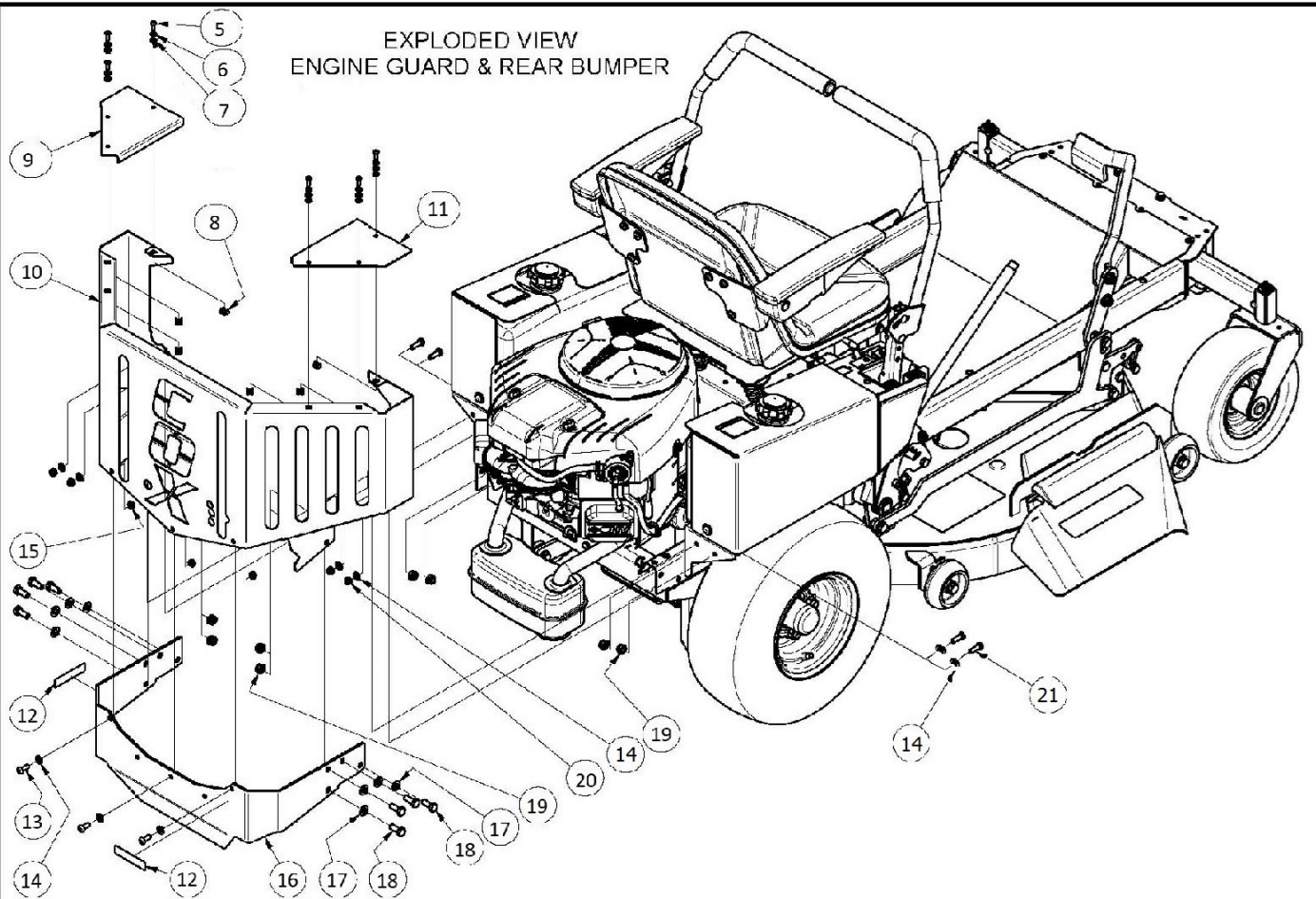
*Service more often under dusty conditions, or where air borne debris is present

DATE / / HOURS.....CUSTOMER/DEALER.....

EXPLODED VIEW
FRONT CHASSIS COVER

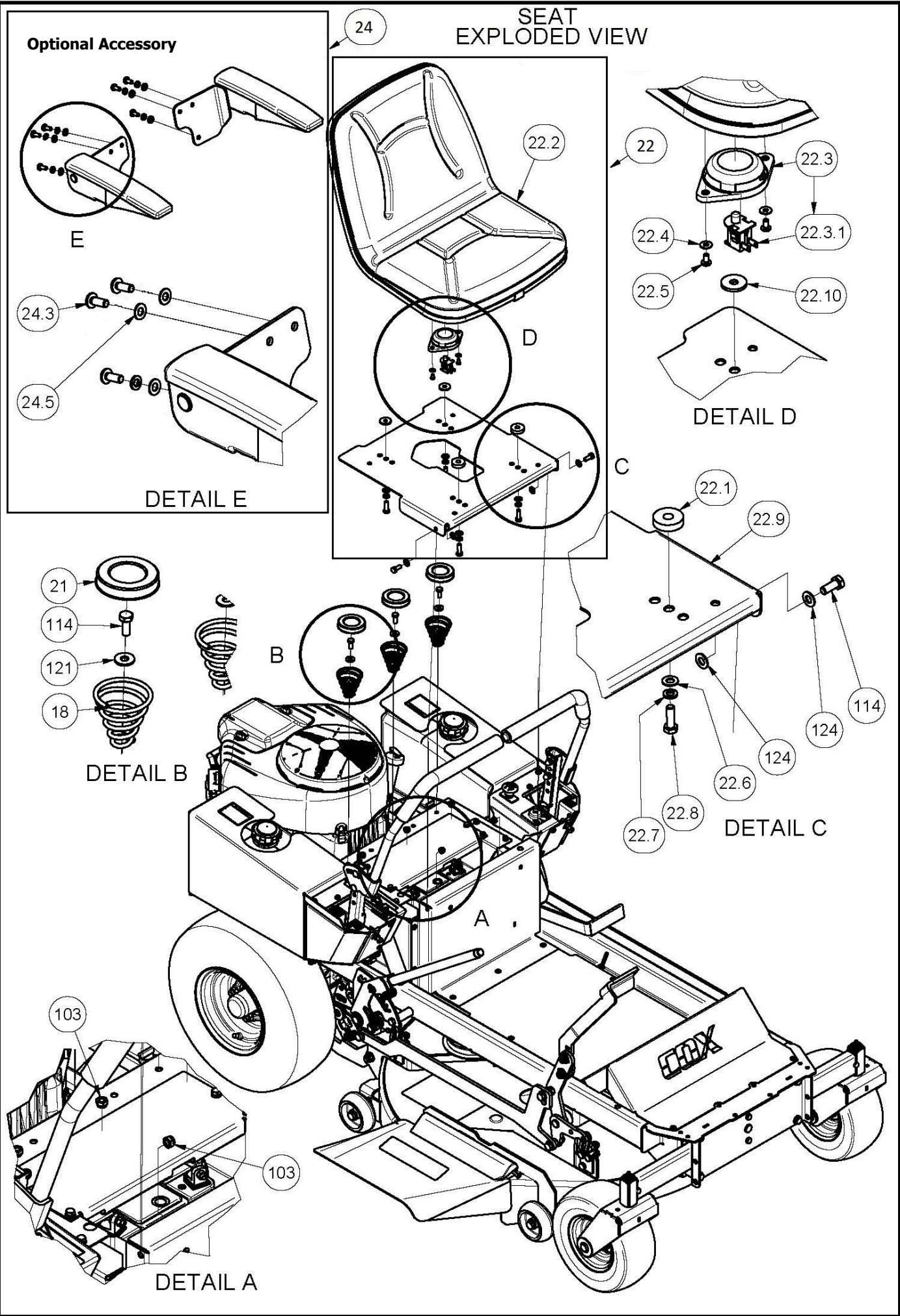


EXPLODED VIEW
ENGINE GUARD & REAR BUMPER



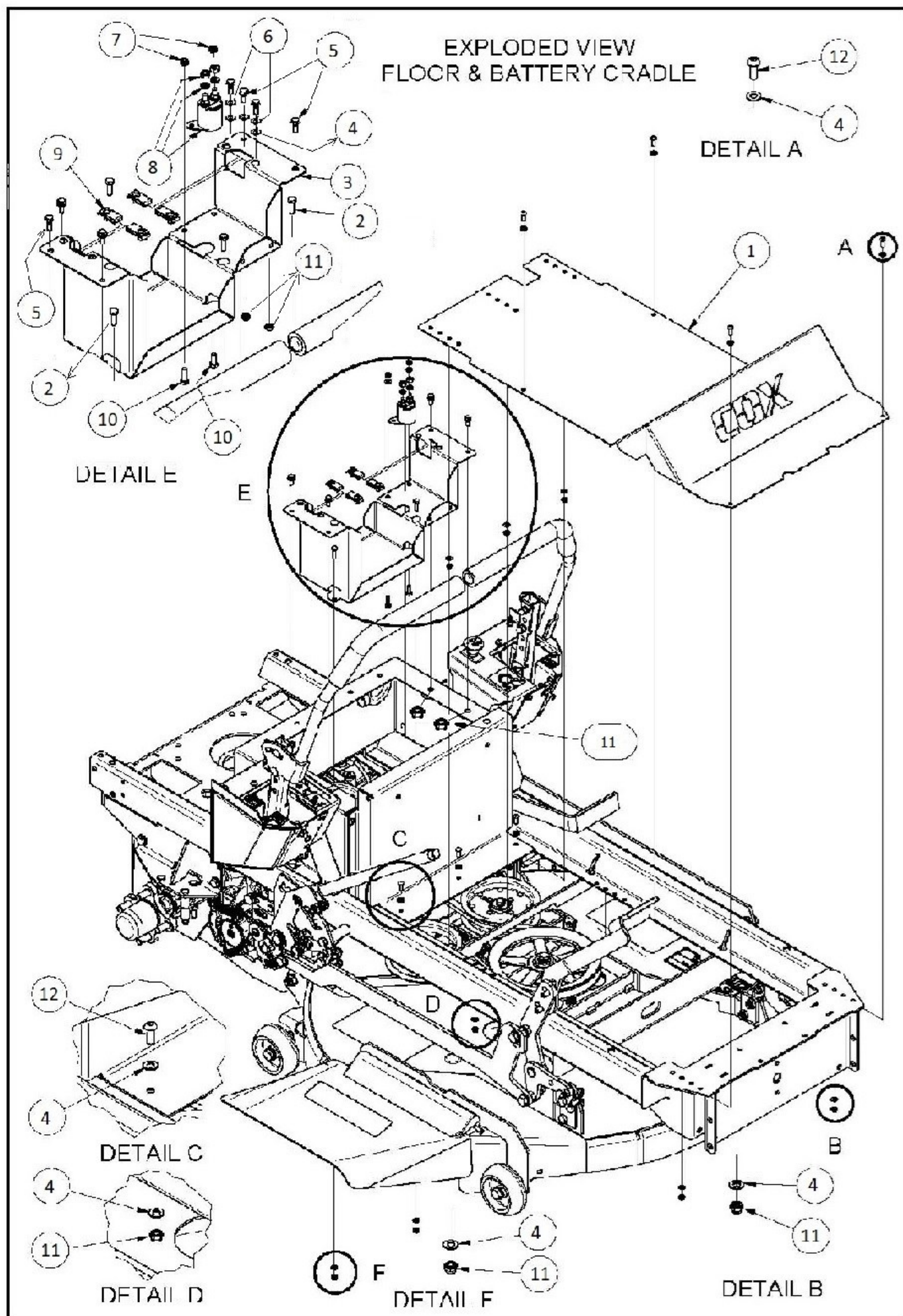
BODY COMPONENTS (FRONT CHASSIS COVER,ENGINE GUARD,REAR BUMPER)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	A191091T	Cover, Chassis, Front	1
2	WS050216	Washer, Lock, Spring, 5/16"X1/8"X1/16"	4
3	NCM8X1.6	Nut, Cage, M 8, 1.6 Panel, 12.7 Sq Hole	2
4	NU204M8	Nut, U, 20x5, 8	2
5	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	6
6	WS040816	Washer, Lock, Spring, 1/4"X3/32"X1/16"	6
7	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	6
8	NCM6X1.6X9.5	Nut, Cage, M 6, 1.6 Panel, 9.5sq Hole	6
9	A191503S	Corner, Top, Left	1
10	A191738	Guard,VP680 Cox Power,35" ZTR	1
11	A191505S	Corner, Top, Right	1
12	DEC13517E	Decal, Caution, Hot Muffler	2
13	BHSSM8X20	Screw, Button, Hex Soc, M 8x 20, Pc12.9	7
14	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	11
15	NHCM8	Nut, Hex, Conelok, M 8, Pc8	3
16	A191739	Bumper, Rear	1
17	W10MN	Washer, Flat, Bright, M10x 21x1.6	8
18	SH1025M	Screw, Hex, M10 X 25, Pc 8.8	8
19	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	8
20	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	4
21	SH0825M	Screw, Hex, M 8x 25, Pc8.8	4
	DECSTOCKMANZTR35	Decal Kit	1



SEAT COMPONENTS

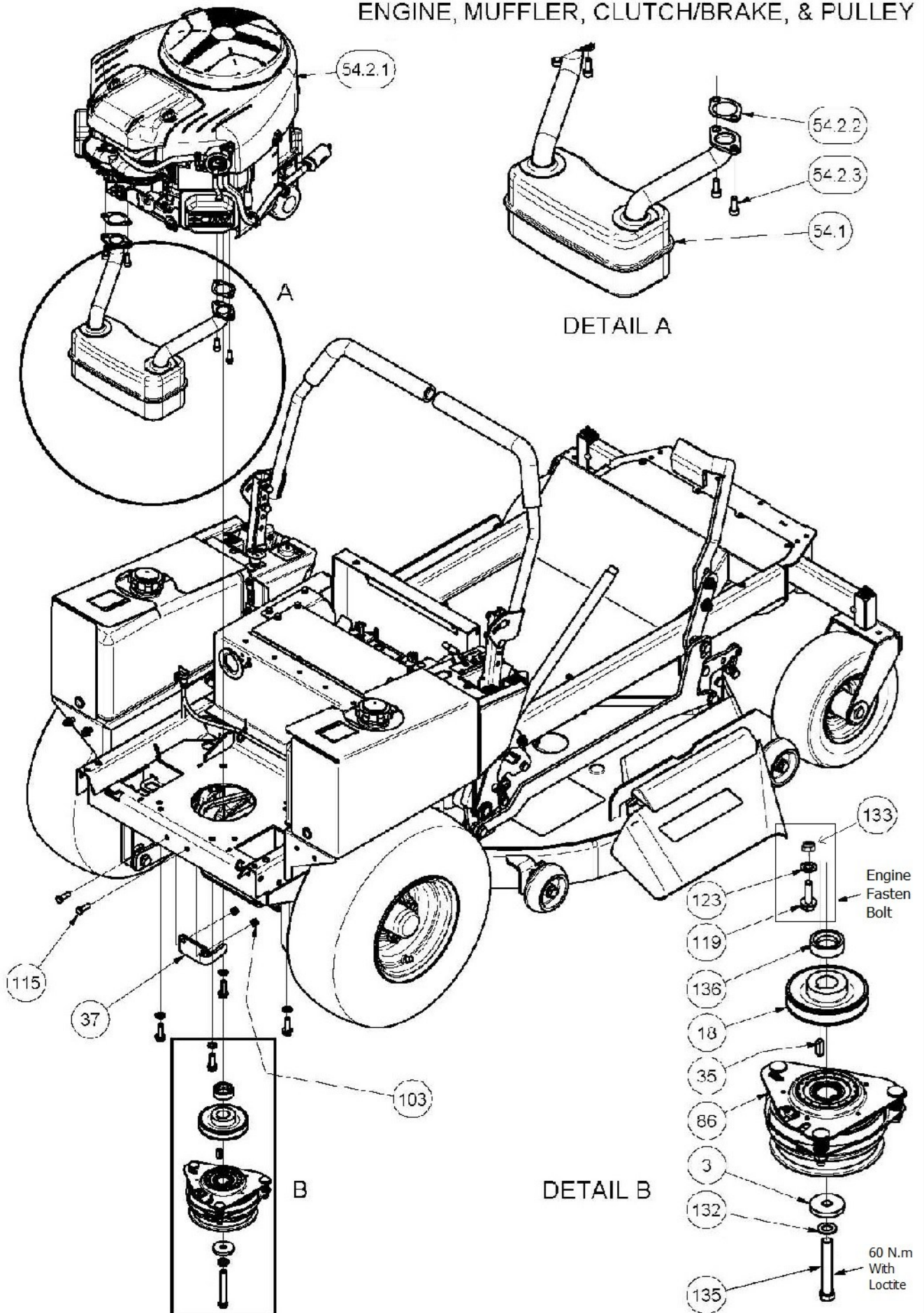
ITEM	PART NUMBER	DESCRIPTION	QTY
18	A163060	Spring, Compression, Conical, Seat, Heavy	3
21	A168231	Cap, Spring, Seat	3
22		Pre-assembled Seat Assembly	1
22.1	W103208	Washer, Flat, Black, 10.5x32x8	2
22.2	A191720	Seat	1
22.3	AM16512F	Switch, Seat, Nc, Flange, Bolt Mtg	1
22.3.1	SP1PNCMSM	Switch, Plunger, 1 Pole, Nc, Snap Mtg	1
22.4	W030820	Washer, Flat, Bright, 3/16" X 1/2"X 20 G	2
22.5	SPSTM5X10	Screw, Pan, Pozi2, Thdfrm, M 5x 10	2
22.6	W08MN	Washer, Lock, Spring, M8x2x2	4
22.7	WSM8X2X2	Washer, Lock, Spring, M8x2x2	4
22.8	SH0825M	Screw, Hex, M 8x 25, Pc8.8	4
22.9	A191743	Mount, Seat	1
22.10	W052003	Seat Washer, Flat, Black, 5/16"X1-1/4"X3	2
24	A172053	Kit, Armrest, Seat, Yy25, Inc Fasteners (Optional Accessory)	1
24.3	SPM8X20	Screw, Pan, Phil2, M8x 20	6
24.5	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	6
103	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	5
114	SH0820M	Screw, Hex, M 8x 20, Pc8.8	5
121	W05M202	Washer, Flat, Black, M 8x 21.0x 2.0	3
124	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	4



FLOOR AND BATTERY CRADLE COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	A191031N	Floor	1
2	SH0620M	Screw, Hex, M 6x20, Pc4.6	2
3	A191700	Cradle, Battery, Mid, Compact 35 ZTR	1
4	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	13
5	SH0616M	Screw, Hex, M 6x 16, Pc4.6	8
6	WSM8X2X2	Washer, Lock, Spring, M 8X2 X2	4
7	NM5NT	Nut, Hex, Nyloc, Thin, M 5,PC6	2
8	A191749	Kit, Solenoid, Sealed with Nuts	1
9	NU133M6	Nut, U, 20x4, M6	4
10	BHSSM5X16	Screw, Button, Hex Soc, M 5X 16,PC10.9	2
11	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	13
12	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	7

ENGINE, MUFFLER, CLUTCH/BRAKE, & PULLEY



ENGINE AUXILLARY COMPONENTS

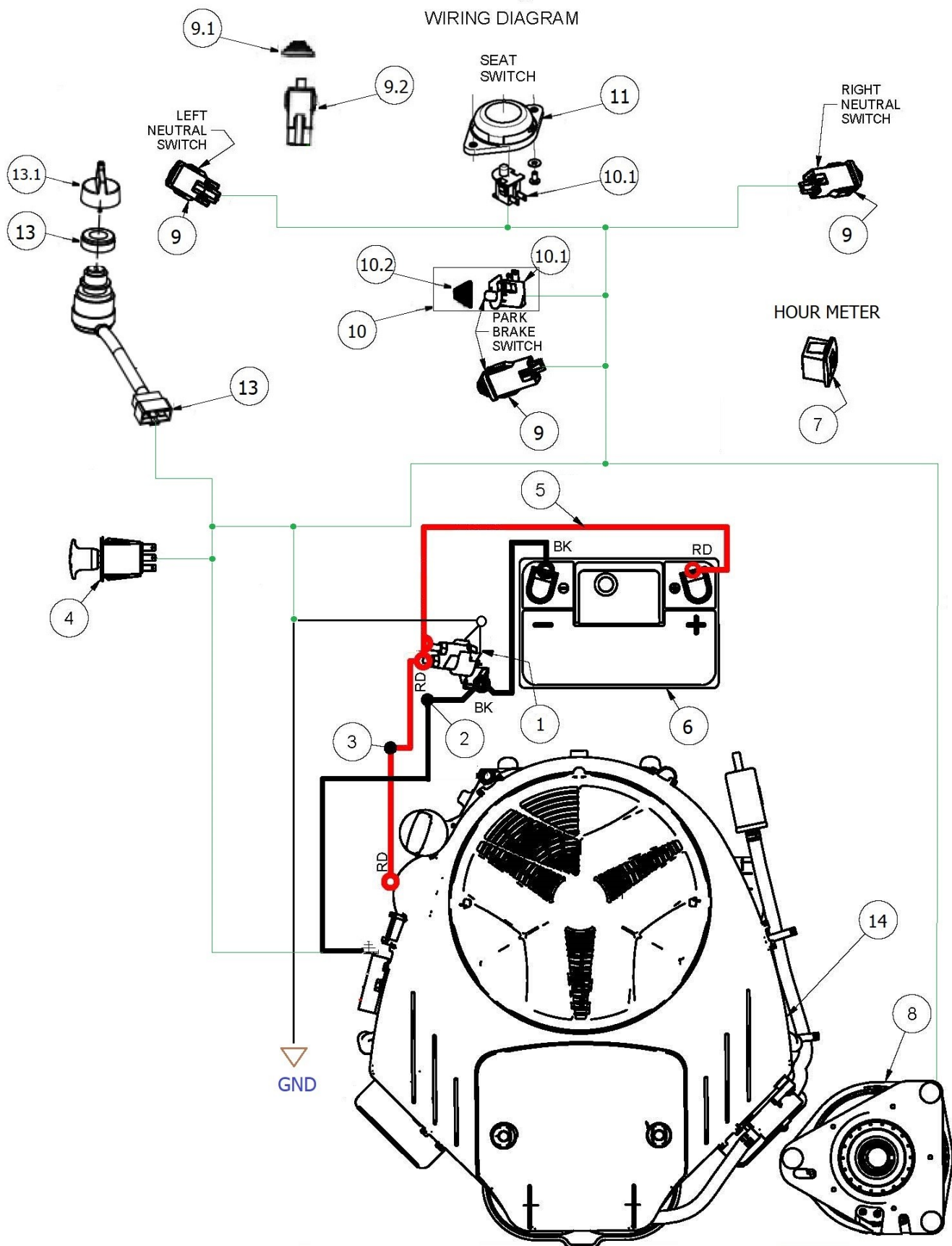
ITEM	PART NUMBER	DESCRIPTION	QTY
3	W072606	Washer, Flat, Black, 7/16" X 1+5/8" X 6mm	1
18	A191149	Pulley, Engine, 25.4k6.35, A 91, L=47.5, Cb35x10	1
35	88026	Key, 6.35x 6.35x 20	1
37	A191053Z	Bracket, Restraint, Clutch/Brake	1
54.1	A214208	Cox XP680/ VP680 V-Twin Muffler	1
54.2.1	CPV680-1	Engine, XP680/ VP680 V-Twin	1
54.2.2	Z100006943	Gasket, Exhaust, 24HP Cox XP680/ VP680	2
54.2.3	NHM8 + W08MN	Nut + Washer, Exhaust, Cox Power V-Twin	4
86	A179016	Clutch/Brake, Electro Magnet	1
103	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
115	SH0825M	Screw, Hex, M 8x 25, Pc8.8	2
119	B1045M	Bolt, Hex, M10X 45,PC8.8	4
123	W06S	Washer, Lock, Int Tooth, 3/8", Zn Pl	4
132	WSM8X2X2	Washer, Lock, Spring, M 8X2 X2	1
133	NHM10	Nut, Hex, M10,PC10.9	4
135	BHFF0748	Hex, Flange, Unf, 7/16-20x3 With Washer	1
136	A214132Z	Spacer, Crankshaft, L=12.5	1

[illegible]

FUEL TANKS, SPEED CONTROL & BATTERY

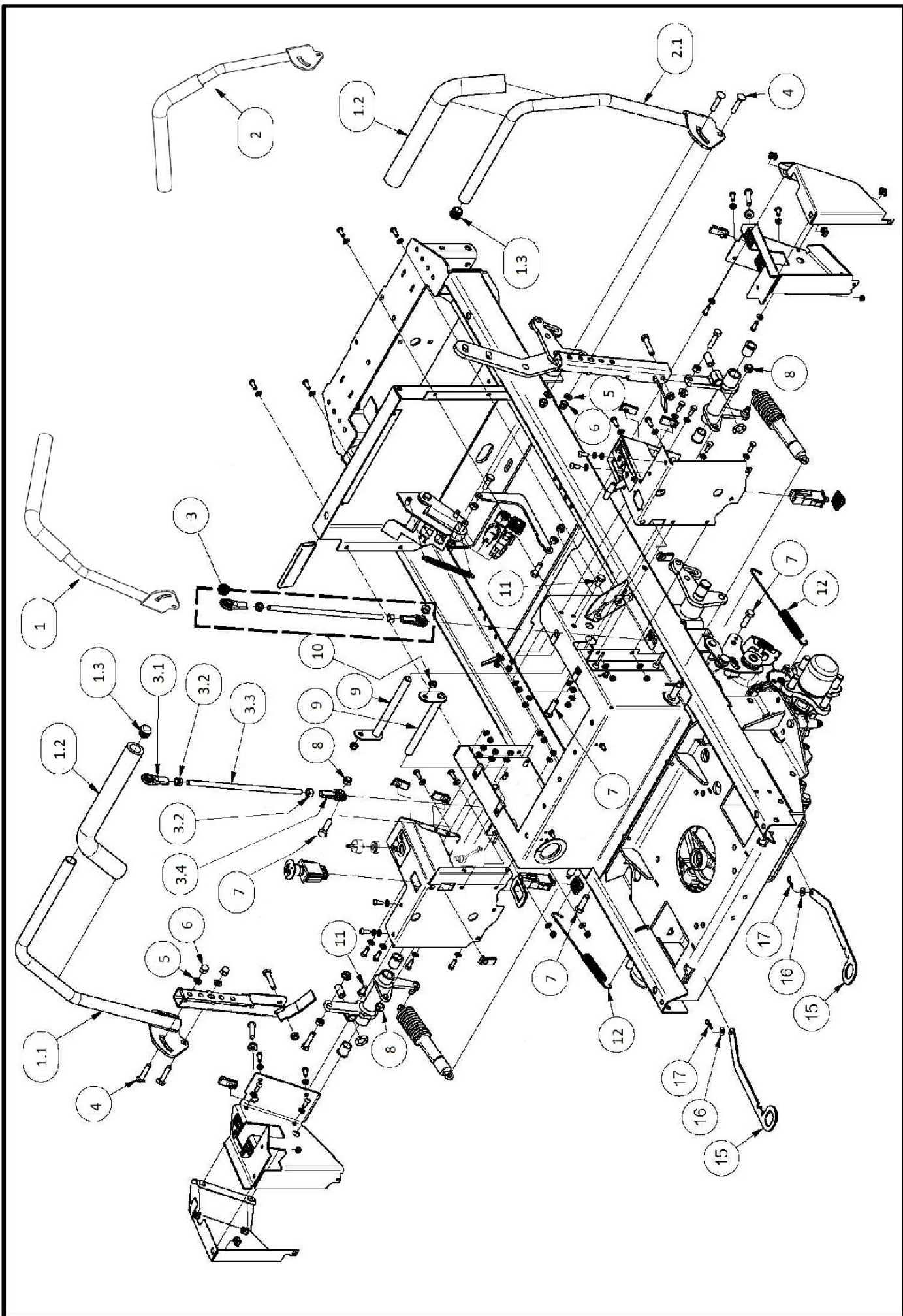
ITEM	PART NUMBER	DESCRIPTION	QTY
13	A120631	Fitting, Tee, Barb, 3/16", Brass	1
19	A191704	Line, Fuel, 5, L= 200	1
45.4	80037	Grommet	6
46.2	BHSSM5X12	Screw, Button, Hex Soc, M 5 X 12, Pc10.9	2
46.3	W05MN	Washer, Flat, Bright, M 5x 10x1.0	2
46.4	NM5NT	Nut, Hex, Nyloc, Thin, M5, Pc6	2
46.6	A191699	Control, Inc Throttle Cable, L= 975	1
55.1	A191261S	Mount, Tank, Fuel, Left	1
55.3	A120661	Tank, Fuel, 11 L, Left	1
55.4	CF02	Cap -2, Fuel, Vented, Buttress, 2-1/4" – 5	2
55.5	A225003	Grommet, Rubber, Fuel (Suits A225, A223, A191)	2
55.6	A223223	Tap, Petrol, 12mm Barbs	2
55.7	GTC02221	Hose Clamp	2
55.8	DEC08517E	Decal, Warning, Fuel	1
55.9	14107	Line, Fuel, 5, L= 180	1
64	A191702	Clamp, Battery, Mid	1
66.5	A120660	Tank, Fuel, 11 L, Right	1
66.6	A191059S20C	Mount, Tank, Fuel, Right	1
66.7	DEC08517E	Decal, Warning, Fuel	1
66.9	A1911705	Line, Fuel, 5, L= 380	1
67	Purchase Locally	Battery, Automotive, 12v, CMFU1, 9pl, 240CCA	1
83	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	2
87	CABLETIES	Cable Ties 100mm X 2.5 Black	2
98	NHM6	Nut, Hex, M 6, Pc5	2
102	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	8
109	SEMSM6X18	Screw, Hex, +Washers, M6x18	4
111	SH0616M	Screw, Hex, M 6x 16, Pc4.6	10
122	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	15
133	WSM8X2X2	Washer, Lock, Spring, M8x2x2	2

WIRING DIAGRAM



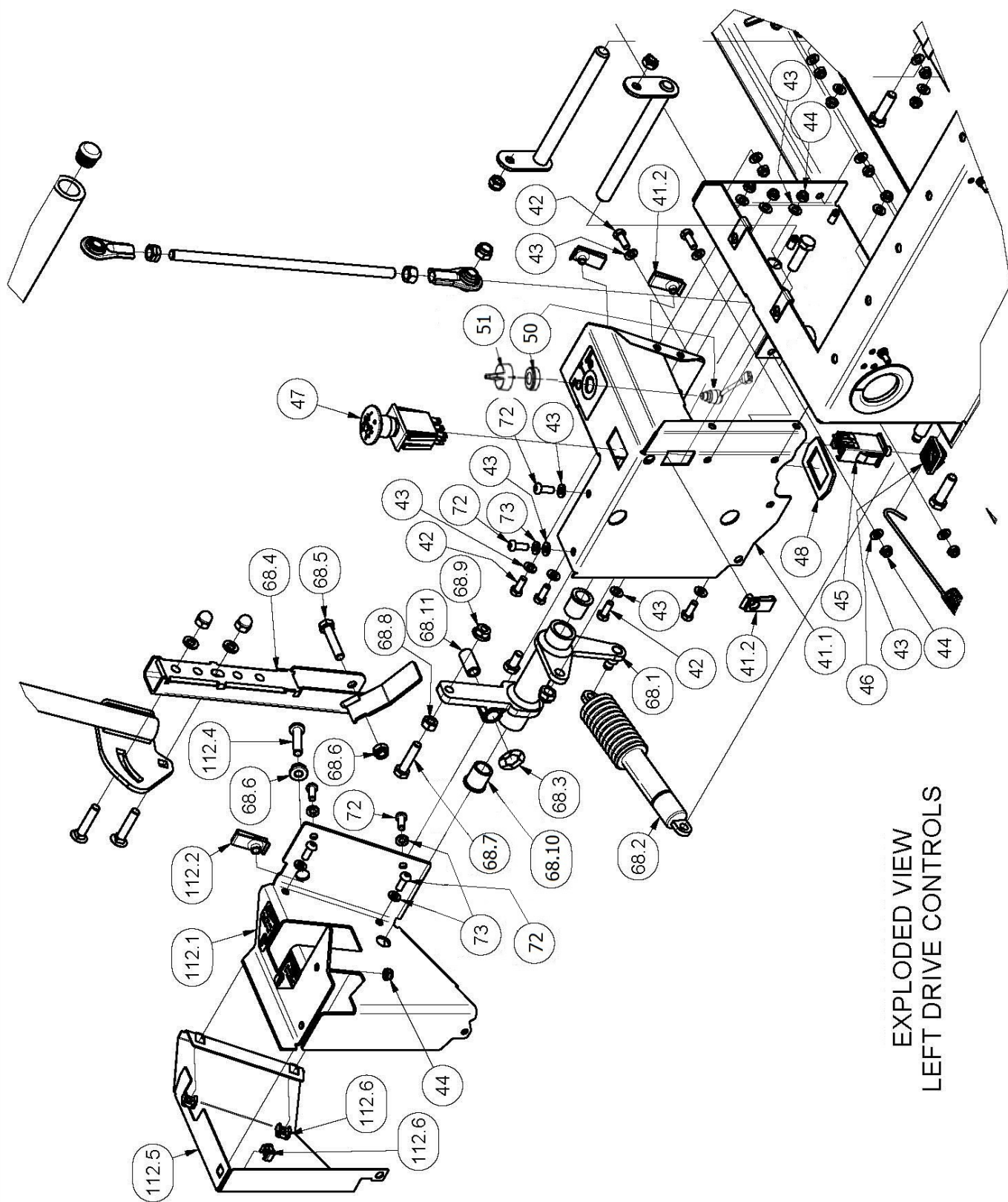
ELECTRICAL COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	A191749	Solenoid, Sealed	1
2	A191706	Lead, Battery, Black, L=670	1
3	A191707	Lead, Battery, Red, L=350	1
4	A168117	Switch, Pto, Push-Pull, Nodtdt, Yellow, Vert	1
5	AM265	Lead, Battery, Red, L=300	1
6	Purchase Locally	Battery, Automotive, 12v, CMFU1, 9PL, 240CCA	1
7	A206040	Meter, Hour, Sensing, Vibration ,BATTERY INSIDE	1
8	A179016	Clutch/Brake, Elec magnet	1
9	SKIT133	Kit, Switch, Inc Cover, 2 Pole, No+Nc, Snap Mtg	3
9.1	CSP2PSM	Cover, Switch, Plunger, 2 Pole, Snap Mtg	3
9.2	SP2PNONCSM	Switch, Plunger, 2 Pole, No+Nc, Snap Mtg	3
10	KIT268	Kit, Switch, Inc Cover, 1 Pole, Nc, Snap Mtg	1
10.1	SP1PNCSM	Switch, Plunger, 1 Pole, Nc, Snap Mtg	1
10.2	CSP1PSM	Cover, Switch, Plunger, 1 Pole, Sn	1
11	AM16512F	Switch, Seat, NC, Flange, Bolt Mtg	1
13	A223087K	Switch,Key,3 Posn,Magneto,6 Term,M22	1
13.1	A210062KEY	Key, Ign Switch	
14	CPV680-1	Engine, XP680/ VP680 V-Twin	1
	A191736	Harness, Wiring, Main	1



DRIVE CONTROLS

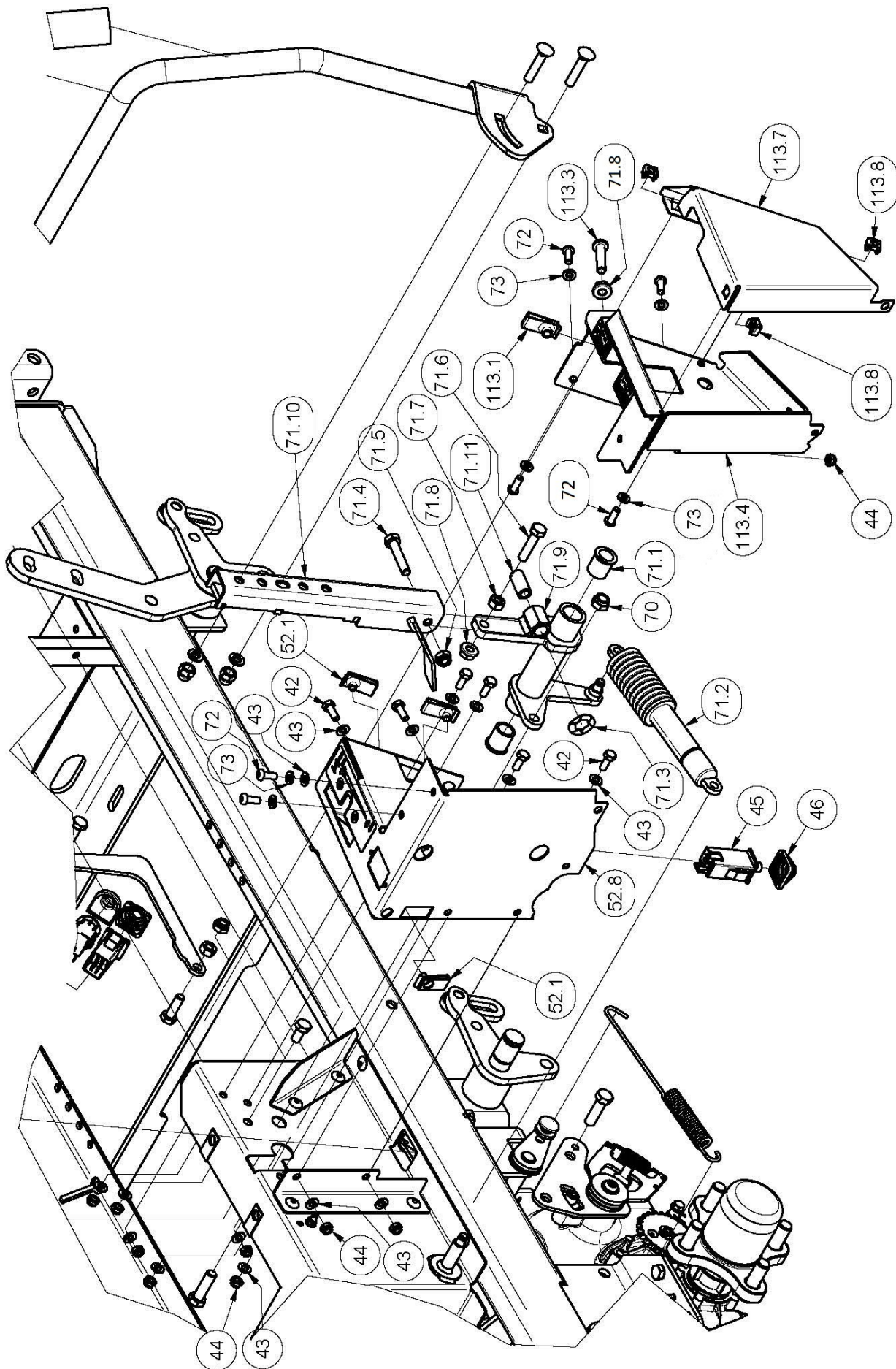
ITEM	PART NUMBER	DESCRIPTION	QTY
1	A191417	Sub-Assy, Lever, Control, Drive, Left	1
1.1		Lever, Control, Drive, Left	1
1.2	A191076	Grip, Hand, 22.2idxl=14"	2
1.3	A191703	Plug, Handle, 22.2 OD	2
2	A191418	Sub-Assy, Lever, Control, Drive, Right	1
2.1		Lever, Control, Drive, Right	1
3	A191709	Sub-Assy, Link, Control, Drive	2
3.1	A191710	End, Rod, Stamp, M10, Shoulder Ball	1
3.2	NHM10	Nut, Hex, M10,PC10.9	2
3.3	A191744	Rod, Control, Drive	1
3.4	A191708	End, Rod, Stamp, M10, Shoulder Ball, LH Thread	1
4	BCHSNM8X40	Bolt, Cup, Sq Neck, M8 X 40 PC4.6	4
5	W08MN	Washer, Flat, Bright, M8X 17X1.2	4
6	ND08M	Nut, Hex, Dome, M8	4
7	B1040M	Bolt, Hex, M10X 40,PC8.8	4
8	NM10NT	Nut, Hex, Nyloc, Thin, M10,PC6	4
9	92102	Pin ,L=150,14 D	2
10	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
11	SH0816M	Screw, Hex, M 8x 16, Pc8.8	2
12	A154073	Spring, Extension, Brake, Park	2
15	A191083Z	Selector, Bypass	2
16	W06MN	Washer, Flat, Bright, M6X 12.5X1.2	2
17	RP04	Pin, 'R'	2



EXPLODED VIEW
LEFT DRIVE CONTROLS

LEFT DRIVE CONTROL COMPONENTS

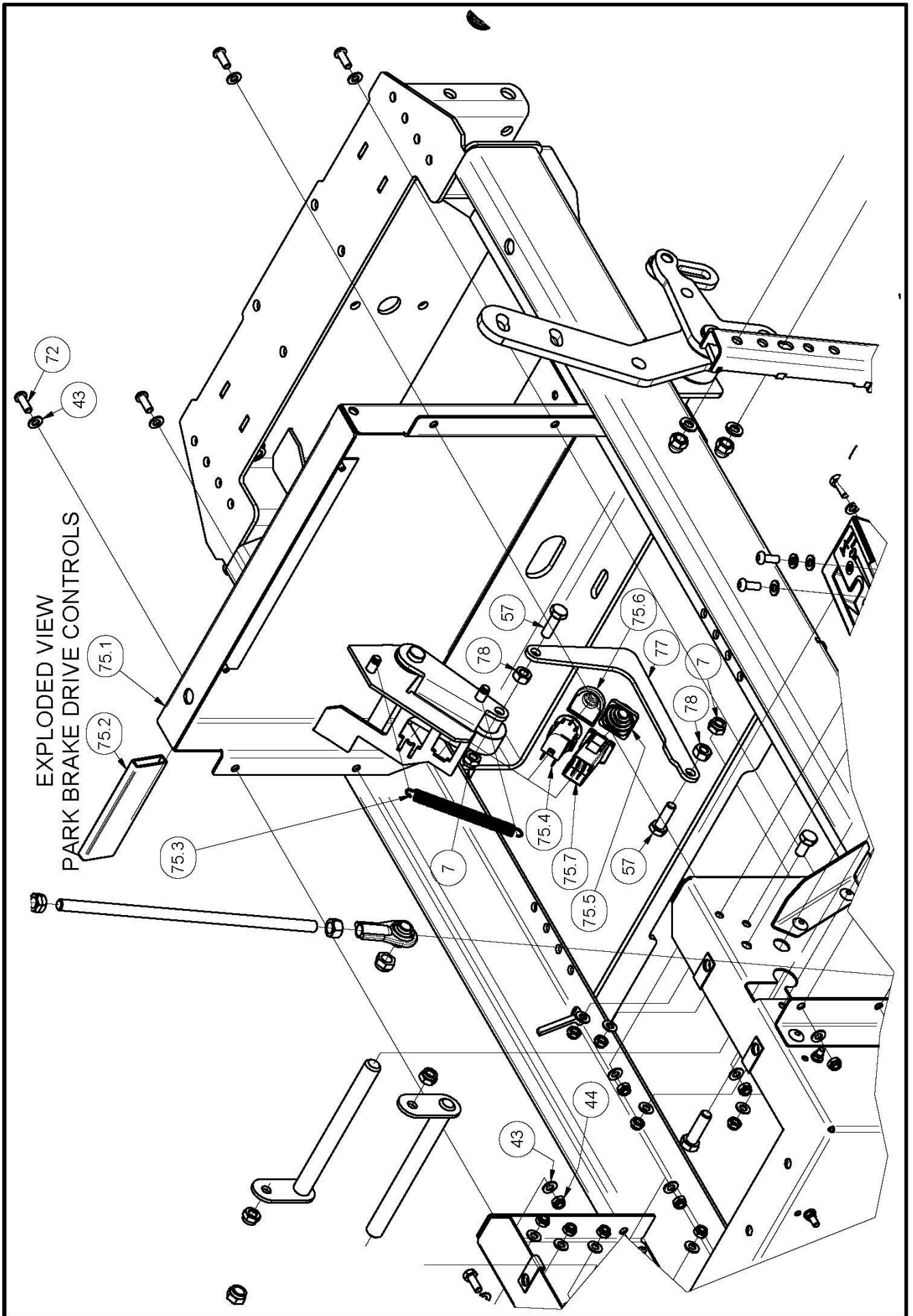
ITEM	PART NUMBER	DESCRIPTION	QTY
41.1	A191711	Console, Left	1
41.2	NU133M6	Nut, U, 20x4, M6	3
42	SH0616M	Screw, Hex, M 6x 16, Pc4.6	6
43	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	12
44	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	6
45	SP2PNONCSM	Switch, Plunger, 2 Pole, No+Nc, Snap Mtg	2
46	CSP2PSM	Cover, Switch, Plunger, 2 Pole, Snap Mtg	2
47	A168117	Switch, PTO Push-Pull	1
48	A102190	Ring, Retainer, Switch, Pto, 2.2max	1
50	A223087K	Switch, Key, 3 Posn, Magneto, 6 Term, M22	1
51	A210062KEY	Key	1
68.1	A191015Z	Arm, Control, Left	1
68.2	A191712	Damper	1
68.3	WW0816	Washer, Wave, 1/2"X 1"	1
68.4	A191713	Control, Neutral, Left	1
68.5	B0840M	Bolt, Hex, M8x40, Pc8	1
68.6	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	3
68.7	B0835M	Bolt, Hex, M8x 35, Pc8.8	1
68.8	NHM8	Nut, Hex, M8	1
68.10	A120685	Bush, Flanged, Nylon, 14.3idx19.1od, L=22	2
68.11	A120663Z	Bush, Pivot, Lever, Control	1
72	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	6
73	WS040816	Washer, Lock, Spring, 1/4"X3/32"X1/16"	5
112.1	A191023Z20C	Gate, Neutral, Left	1
112.2	NU204M8	Nut, U, 20x5, 8	1
112.4	BHSSM8X35	Screw, Button, Hex Soc, M 8x 35, Pc10.9	1
112.5	A191521S	Cover, Gate, Left	1
112.6	NCM6X1.6X9.5	Nut, Cage, M 6, 1.6 Panel, 9.5sq Hole	3



EXPLODED VIEW
RIGHT DRIVE CONTROLS

RIGHT DRIVE CONTROL COMPONENTS

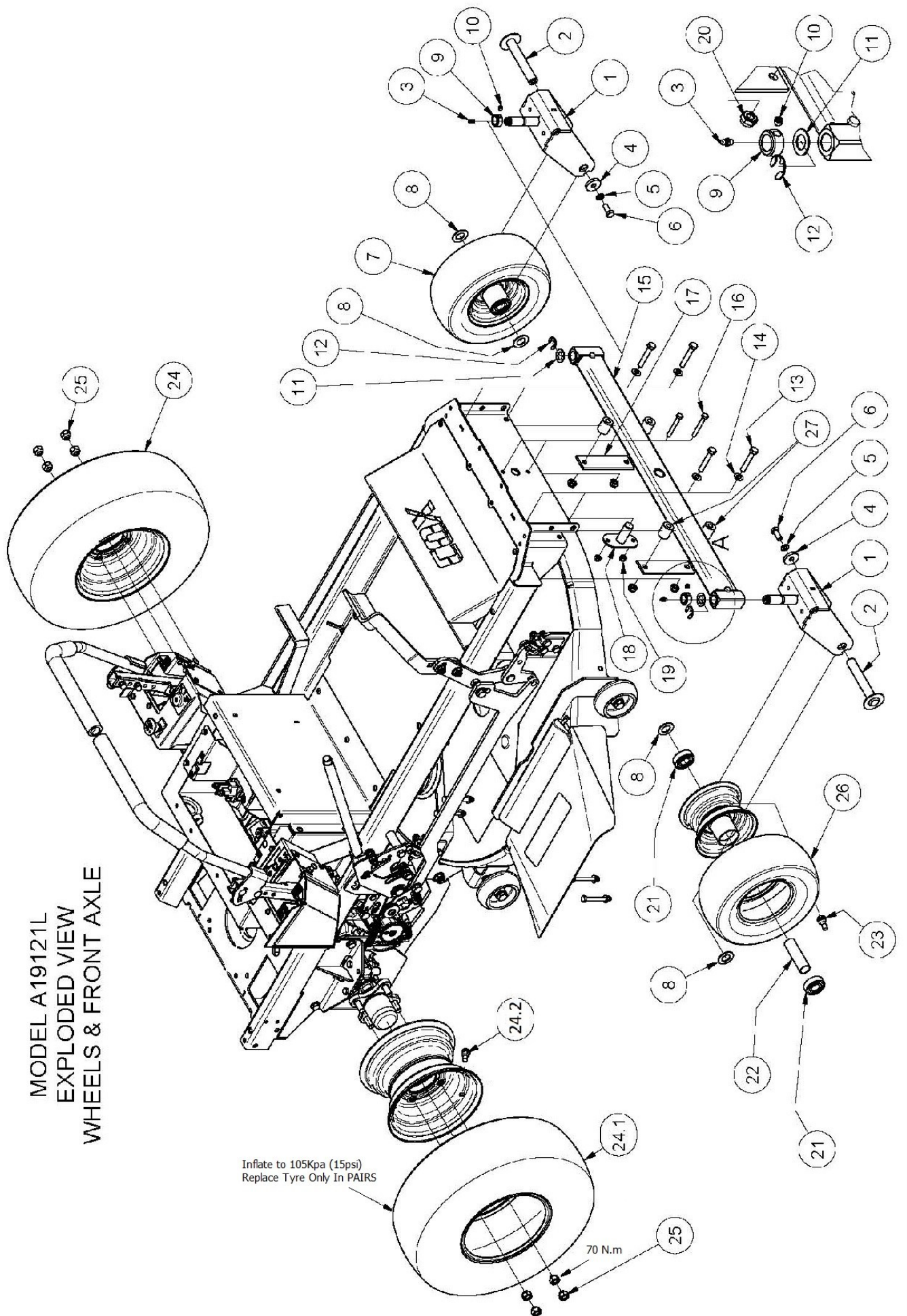
ITEM	PART NUMBER	DESCRIPTION	QTY
42	SH0616M	Screw, Hex, M 6x 16, Pc4.6	6
43	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	12
44	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	6
45	SP2PNONCSM	Switch, Plunger, 2 Pole, No+Nc, Snap Mtg	2
46	CSP2PSM	Cover, Switch, Plunger, 2 Pole, Snap Mtg	2
52.1	NU133M6	Nut, U, 20x4, M6	3
52.8	A191013S19C	Console, Right	1
70	NM10NT	Nut, Hex, Nyloc, Thin, M10, PC6	1
71.1	A120685	Bush, Flanged, Nylon, 14.3idx19.1od, L=22	2
71.2	A191712	Damper	1
71.3	WW0816	Washer, Wave, 1/2"X1"	1
71.4	B0840M	Bolt, Hex, M8x40, Pc8	1
71.5	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	1
71.6	B0835M	Bolt, Hex, M 8x 35, Pc8.8	1
71.7	NHM8	Nut, Hex, M8	1
71.8	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
71.9	A191017Z	Arm, Control, Right	1
71.10	A191714	Control, Neutral, Right	1
71.11	A120663Z	Bush, Pivot, Lever, Control	1
72	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	6
73	WS040816	Washer, Lock, Spring, 1/4"X3/32"X1/16"	5
113.1	NU204M8	Nut, U, 20x5, 8	1
113.3	BHSSM8X35	Screw, Button, Hex Soc, M 8x 35, Pc10.9	1
113.4	A191025Z20C	Gate, Neutral, Right	1
113.7	A191523S	Cover, Gate, Right	1
113.8	NCM6X1.6X9.5	Nut, Cage, M 6, 1.6 Panel, 9.5sq Hole	3



PARK BRAKE DRIVE COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY
7	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
43	W06MN	Washer, Flat, Bright, M 6x 12.5x1.2	8
44	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	4
57	SH0825M	Screw, Hex, M 8x 25, Pc8.8	2
72	BHSSM6X16	Screw, Button, Hex Soc, M 6x 16, Pc10.9	4
75.1	A191029S	Front, Pedestal	1
75.2	AM009	Hand Grip	1
75.3	AM288	Spring, Extension, Park Brake/Chain Adjust	1
75.4	SP1PNCSCM	Switch, Plunger, 1 Pole, Nc, Snap Mtg	1
75.5	CSP2PSM	Cover, Switch, Plunger, 2 Pole, Snap Mtg	1
75.6	CSP1PSM	Cover, Switch, Plunger, 1 Pole, Sn	1
75.7	SP2PNONCSM	Switch, Plunger, 2 Pole, No+Nc, Snap Mtg	1
77	A191715	Link, Brake, Park	1
78	NHM8	Nut, Hex, M8	2

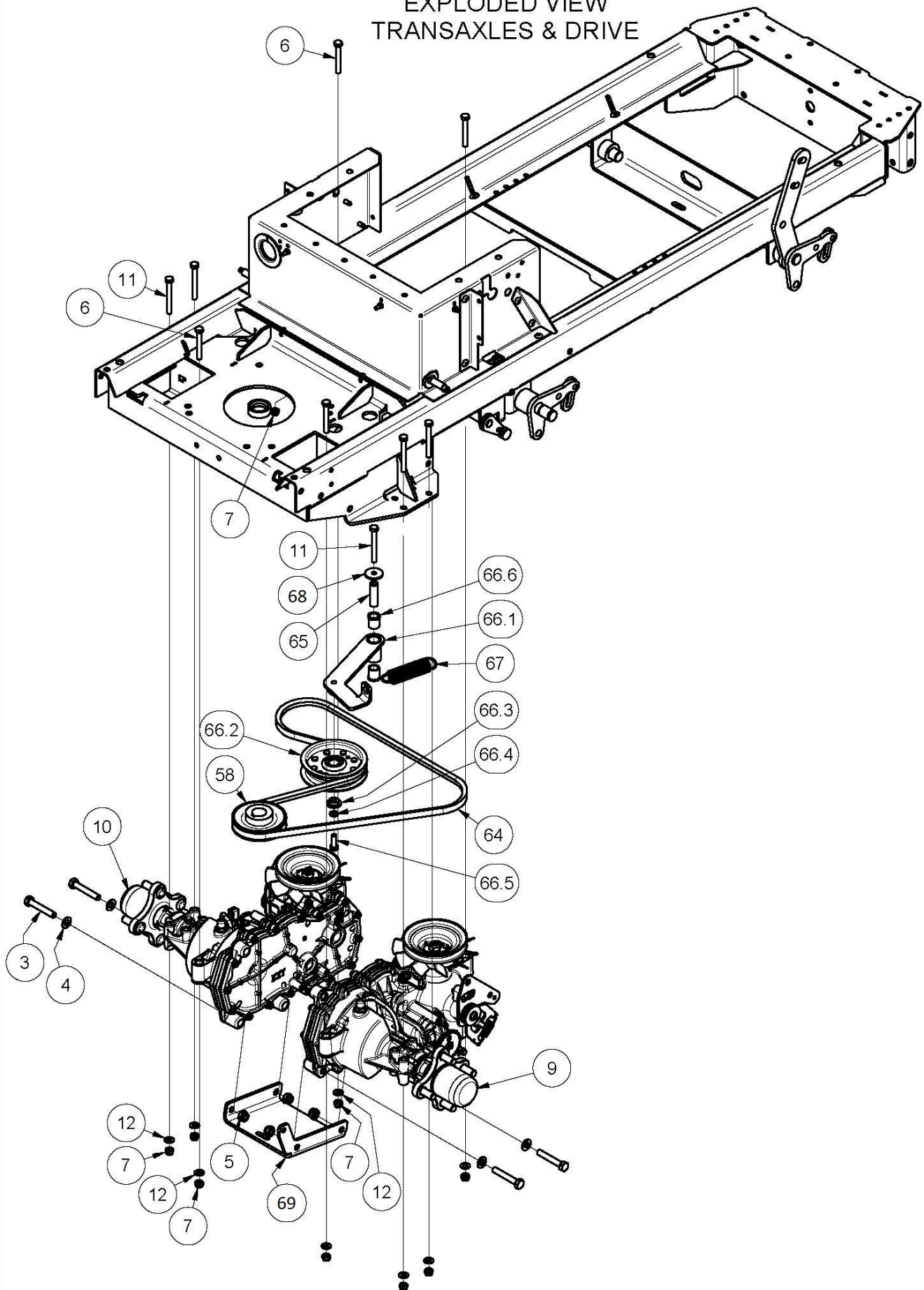
MODEL A19121L
EXPLODED VIEW
WHEELS & FRONT AXLE



FRONT AXLE COMPONENTS

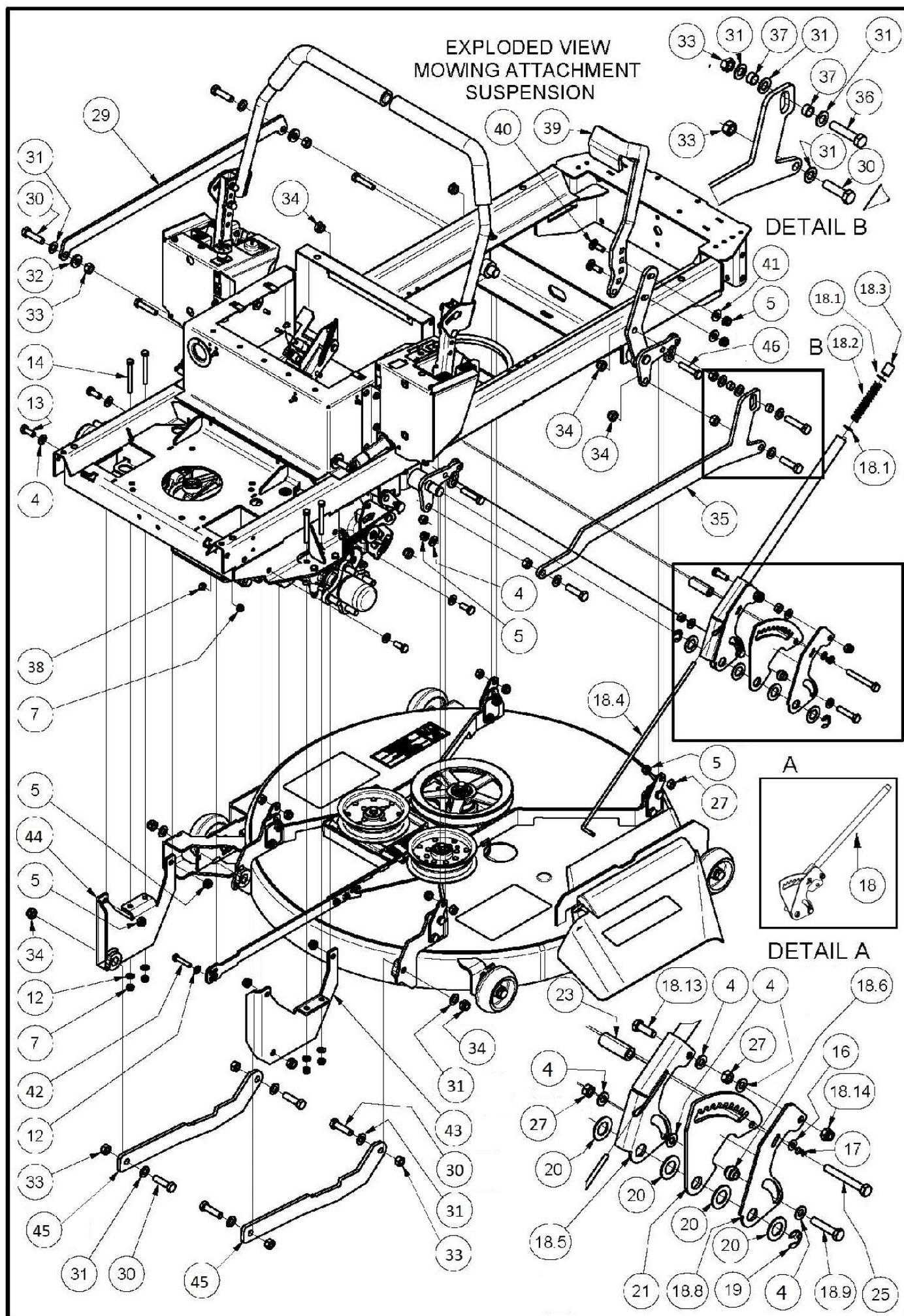
ITEM	PART NUMBER	DESCRIPTION	QTY
1	A191718	Fork, Caster	2
2	A191719	Axle, Wheel, Castor, L=133.5	2
3	GNTF3	Nipple, Grease	2
4	W103506	Washer, Flat, Black, 10x35x6	2
5	WSM10X3.7X2.5	Washer, Lock, Spring, M10x3.5x2.2	2
6	SH1025M	Screw, Hex, M10 X 25, Pc 8.8	2
7	A191721	Wheel, 11x400, With Bearings, Left & Right	2
8	W20MN	Washer, Flat, Bright, M20x 37x2.0	4
9	GTC07009	Collar	2
10	GS0505C	Screw, Set, Hex Soc, UNC,5/16"X5/16", Cup	2
11	AM336	Washer, Sealing, Shaft	2
12	C02	Circlip, Ext, 'E' Type	2
13	B1060M	Bolt, Hex, M10x 60, Pc8.8	4
14	W10MN	Washer, Flat, Bright, M10x 21x1.6	4
15	A120523T	Beam, Axle, Caster	1
16	B0860M	Bolt, Hex, M 8x 60, Pc8.8	2
17	A172013Z	Support, Axle, Front	2
18	A120593Z	Pin, Pivot, Axle, Front	1
19	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
20	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	4
21	BB204714NN	Bearing, Ball	4
22	A120520	Sleeve, Spacer, Bearing, L=87	2
23	Purchase Locally	Valve, Tubeless, Snap-In, Tr412	2
24	A191722	Wheel, 18x65-8	2
24.1	TT18X 650-8J	Tyre, 18 X 6.50-8	2
24.2	Purchase Locally	Valve, Tubeless, Snap-In, Tr412	2
25	NHWF08	Nut, Hex, Wheel	8
26	TT11X400-5J	Tyre, 11x 4.00- 5, Tubeless	2
27	A191716	Spacer, Cheek Plate	4

EXPLODED VIEW TRANSAXLES & DRIVE



TRANSAXLES & DRIVE COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY
3	B1060M	Bolt, Hex, M10x 60, Pc8.8	4
4	W10MN	Washer, Flat, Bright, M10x 21x1.6	4
5	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	4
6	B0860M	Bolt, Hex, M 8x 60, Pc8.8	4
7	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	8
9		Transaxle, Hydro, R, Hyg, ZC-APBB-4M7B-2WPX	1
10		Transaxle, Hydro, L, Hyg, ZC-DPBB-4M7C-3WPX	1
11	B0870M	Bolt, Hex, M 8 X 70, Pc8.8	5
12	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	9
58	A191149	Pulley, Engine	1
64	V25	Belt, V	1
65	14070	Sleeve, Pivot, Drive Belt Tensioning Arm	1
66.1	A191055Z	Arm, Tensioner, Belt, Drive	1
66.2	PIFBB02C	Idler, Flat	1
66.3	14025	Boss, Idler	1
66.4	WS050216	Washer, Lock, Spring, 5/16"X1/8"X1/16"	1
66.5	SH0825M	Screw, Hex, M 8x 25, Pc8.8	1
66.6	A120685	Bush, Flanged, Nylon	2
67	AM145	Spring, Extension, Weight Compensating	1
68	W052003	Washer, Flat, Black, 5/16"X1-1/4"X3	1
69	A191734	Brace, Transaxle	1



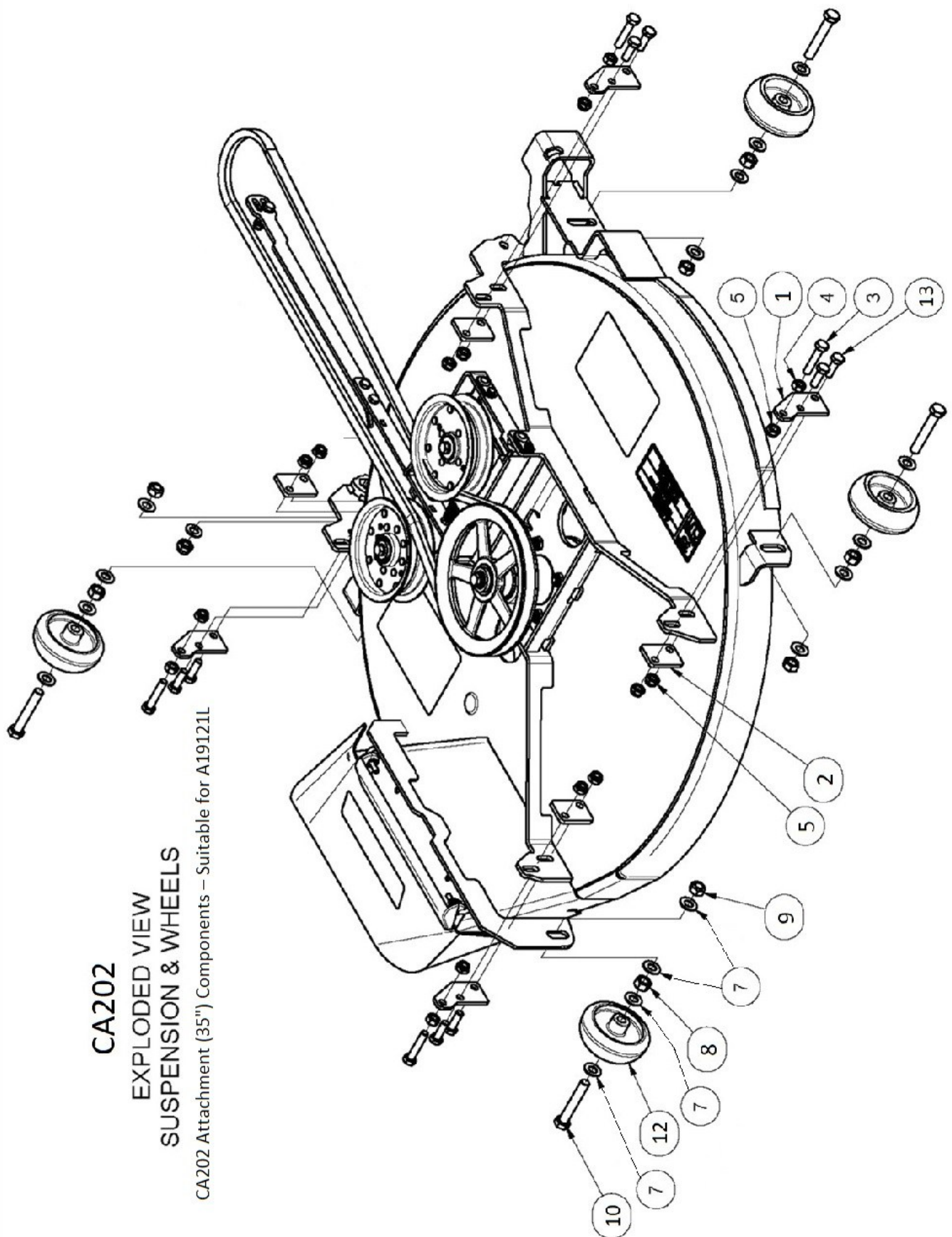
MOWING ATTACHMENT SUSPENSION COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY
4	W10MN	Washer, Flat, Bright, M10x 21x1.6	10
5	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	11
7	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	5
12	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	5
13	SH1025M	Screw, Hex, M10 X 25, Pc 8.8	4
14	B0875M	Bolt, Hex, M 8 X 70, Pc8.8	4
16	W041018	Washer, Flat, Bright, 1/4"X5/8"X18g	1
17	RP04	Pin, 'R', Steel, 1.4x 25	1
18	A191728	Assy, Handle, Adjust, Height, Cut	1
18.1	W061216	Washer, Flat, Bright, 3/8"X3/4"X16g	2
18.2	AM012	Spring, Compression, Pawl Push Rod	1
18.3	A191726	Height Adjustment Button	1
18.4	A191727	Rod, Adjust, Height, Cut	1
18.5	A191728	Handle, Adjust, Height, Cut	1
18.6	A182115Z	Bush, Spacer, Adjust, Height, Cut	1
18.8	A191730	Arm, Adjust, Height, Cut	1
18.9	B1050M	Bolt, Hex, M10x 50, Pc8.8	1
18.13	SH1030M	Screw, Hex, M10x 30, Pc8.8	1
18.14	NM10N	Nut, Hex, Nyloc, M10, Din982, Pc8	2
19	C02	Circlip	4
20	W20MN	Washer, Flat, Bright, M20x 37x2.0	4
21	A191731	Rack, Adjust, Height, Cut	1
23	A191045Z	Post	1
25	B1080M	Bolt, Hex, M10x80, Pc8.8	1
27	NHM10	Nut, Hex, M10,PC10.9	7
29	A191041Z	Link, Suspend, Mower, Left	1
30	B1245M	Bolt, Hex, M12x 45, Pc8.8	5
31	W12MN	Washer, Flat, Bright, M12x 24x1.6	12
32	A126519Z	Washer, Flat, Black, 12x27.5x5	2
33	N12M	Nut, Hex, M12, Pc5	7
34	NM12NT	Nut, Hex, Nyloc, Thin, M12, Pc6	8
35	A191733	Link, Suspend, Mower, Right	1
36	B1255M	Bolt, Hex, M12x 55, Pc8.8	1
37	A191047Z	Bush, 12.5x16x 9	2
38	NHM8	Nut, Hex, M8	1
39	A191735	Lever, Pedal, Lift, Deck	1
40	BCHSNM10X30	Bolt, Cup, Sq Neck, M10x 30, Pc4.6	2
41	W10M	Washer	2
42	B0840M	Bolt, Hex, M8x40, Pc8	1
43	A191736	Mount, Link, Push, Right	1
44	A191737	Mount, Link, Push, Left	1
45	A191738	Link, Push, Mower	2
46	B1050M	Bolt, Hex, M10x 50, Pc8.8	4

CA202

EXPLODED VIEW SUSPENSION & WHEELS

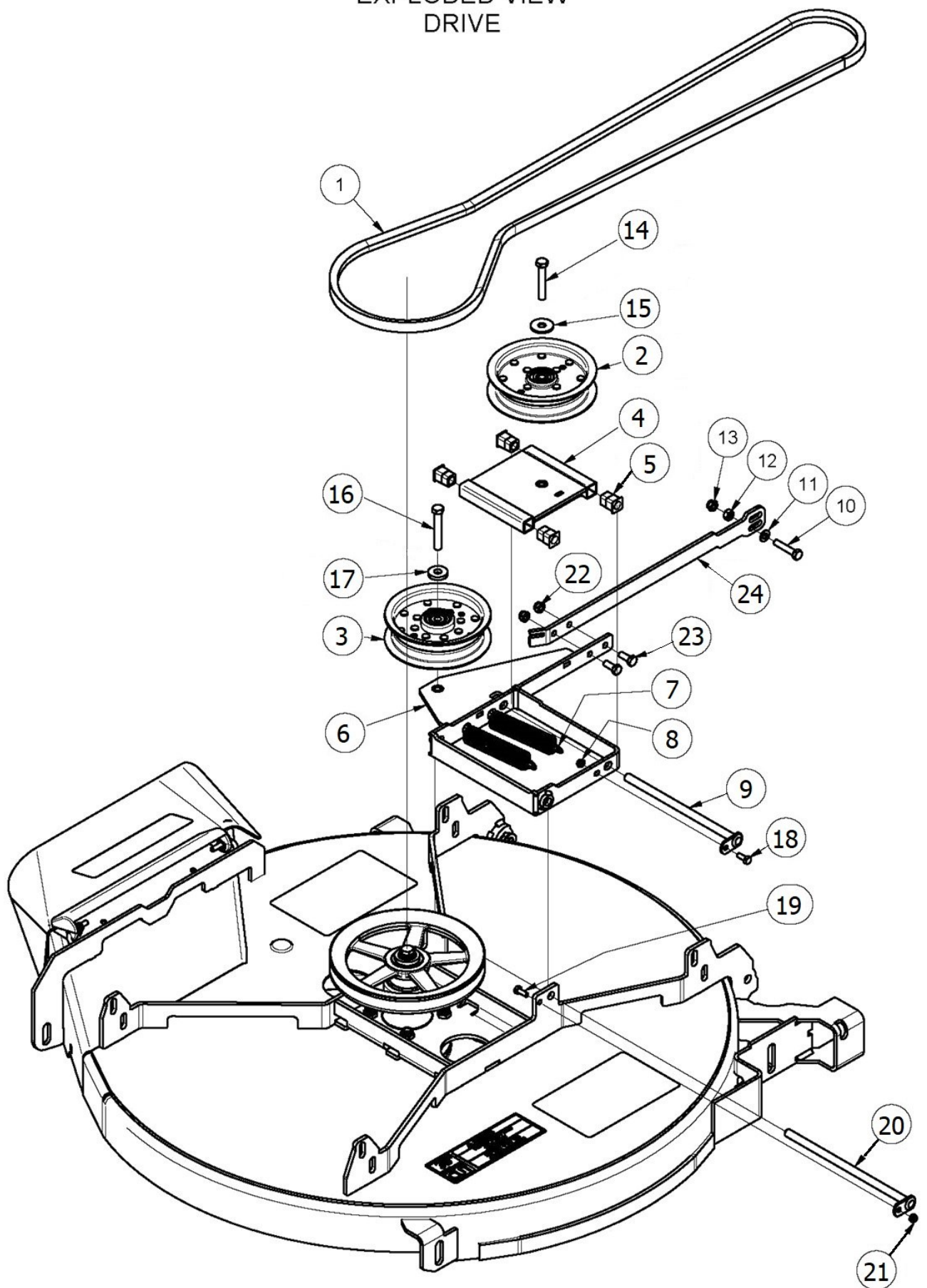
CA202 Attachment (35") Components – Suitable for A19121L



CA202 35" Attachment – Components for A19121L

ITEM	PART NUMBER	DESCRIPTION	QTY
1	A192017Z	Mount, Suspension	4
2	A180019Z	Clamp, Mount, Suspension, Rear	4
3	B1050M	Bolt, Hex, M10x 50, Pc8.8	4
4	NHM10	Nut, Hex, M10, Pc8	4
5	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	16
7	W12MN	Washer, Flat, Bright, M12x 24x1.6	22
8	N12M	Nut, Hex, M12, Pc5l	8
9	NM12NT	Nut, Hex, Nyloc, Thin, M12, Pc6	8
10	B1275M	Bolt, Hex, M12X 75X1.75P ,PC8.8	4
12	A191745	Wheel 12 ID	4
13	SH1030M	Screw, Hex, M10x 30, Pc10.9	9

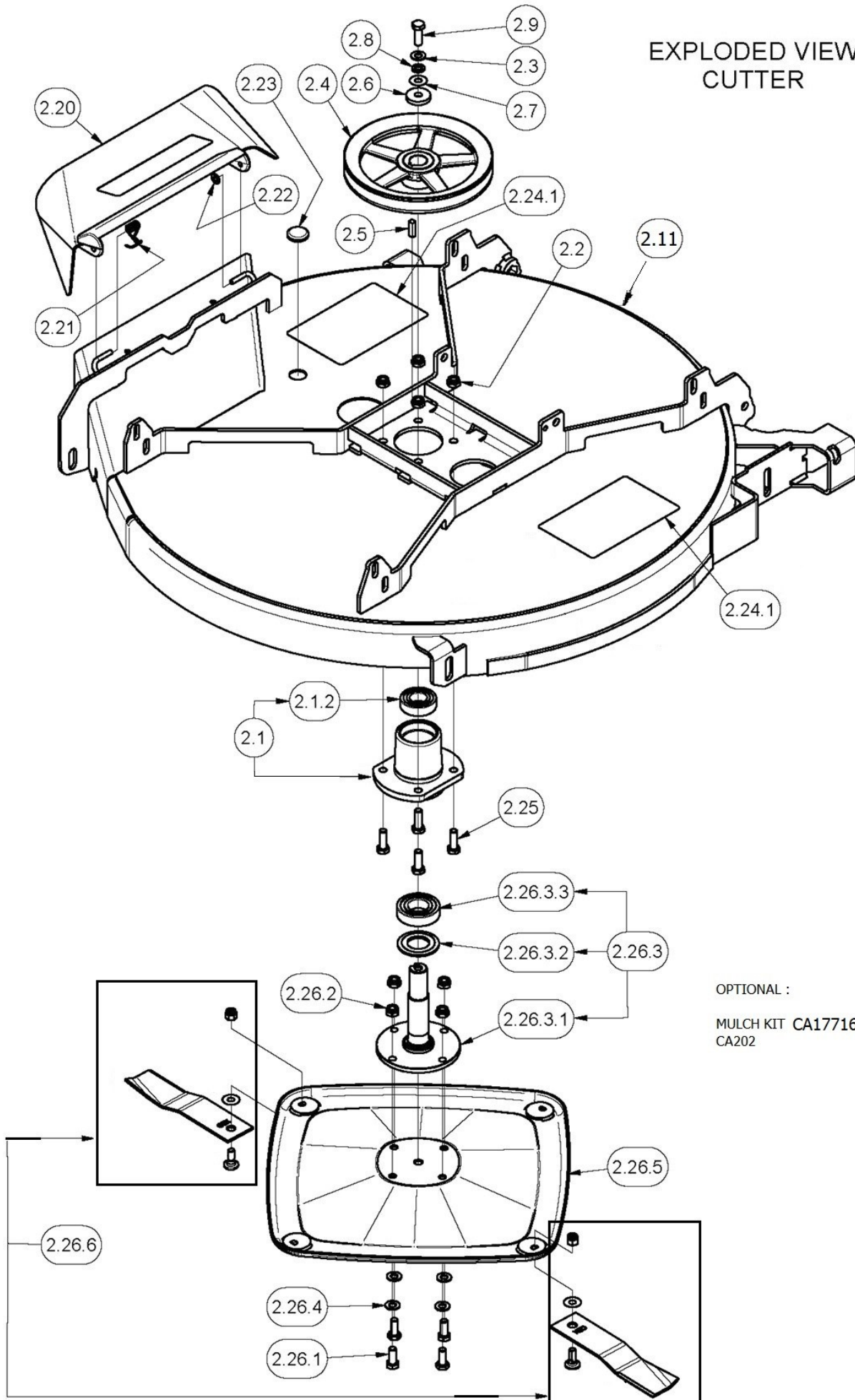
EXPLODED VIEW DRIVE



CA202 35" Attachment – Components for A19121L

ITEM	PART NUMBER	DESCRIPTION	QTY
1	V50	Belt, V	1
2	PIFBB0620C	Idler, Flat	1
3	PIFBB0520D	Idler, Flat	1
4	A191750	Frame, Slide, Idler	1
5	A191746	Bush - Plastic	4
6	A191741	Frame, Cradle, Idler	1
7	A170028	Spring, Extension	2
8	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	1
9	A211003Z	Pin, Dia=12.0, L=215	1
10	B0840M	Bolt, Hex, M8x40, Pc8	1
11	W08MN	Washer, Flat, Bright, M 8x 17x1, 2	1
12	NHM8	Nut, Hex, M8	1
13	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	1
14	B1060M	Bolt, Hex, M10X 60x1.5P,PC8.8	1
15	W0620HD	Washer, Flat, Black, 3/8"X1-1/4"X3	1
16	B1065M	Bolt, Hex, M10X 65X1.5P,PC8.8	1
17	W102705	Washer, Flat, Black, 10.5x27x5	1
18	SH0616M	Screw, Hex, M 6x 16, Pc4.6	1
19	SH0616M	Screw, Hex, M 6x 16, Pc4.6	1
20	A211002Z	Pin, Dia=12.0,L=240	1
21	NM6NT	Nut, Hex, Nyloc, Thin, M 6, Pc6	1
22	NM8NT	Nut, Hex, Nyloc, Thin, M 8, Pc6	2
23	SH0820M	Screw, Hex, M 8x 20, Pc8.8	2
24	A192019Z20G	Link, Frame, Idler	1

EXPLODED VIEW CUTTER



OPTIONAL :
MULCH KIT CA17716D
CA202

CA202 35" Attachment – Components for A19121L

ITEM	PART NUMBER	DESCRIPTION	QTY
2.1	A180015	Sub-Assy, Housing, Bearing, Cutter, 25ID	1
2.1.2	BB255215NN	Bearing, Ball	1
2.2	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	12
2.3	W10MN	Washer, Flat, Bright, M10x 21x1.6	1
2.4	A170007	Pulley, Cutter, 25k8x7, B208, Ci	1
2.5	A1156017	Key, 8x 7x 25	1
2.6	W103506	Washer, Flat, Black, 10x35x6	1
2.7	WW0616	Washer, Wave	1
2.8	WSM10X3.66X2.69	Washer, Lock, Spring, M10x3.66x2.69	1
2.9	SH1030M	Screw, Hex, M10x 30, Pc10.9	9
2.11	A191740	Deck, Mower, Side Discharge	1
2.20	AM259	Deflector	1
2.21	A100003	Spring, Torsion, Deflector	1
2.22	AM274	Fastener, Pushon, Round, 1/4"	1
2.23	A121512	Grommet, Blanking, 1"	1
2.24.1	DEC11617E	Decal, Danger, Mowing Attachment	2
2.25	SH1030M	Screw, Hex, M10x 30, Pc8.8	4
2.26.1	SH1025M	Screw, Hex, M10 X 25, Pc 8.8	4
2.26.2	NM10NT	Nut, Hex, Nyloc, Thin, M10, Pc6	4
2.26.3	A192025	Sub-Assy, Spindle, Flanged, 25	1
2.26.3.2	A180013Z	Shield, Bearing, 32x60x3.6	1
2.26.3.3	BB306216NN	Bearing, Ball	1
2.26.4	W10MN	Washer, Flat, Bright, M10x 21x1.6	4
2.26.5	A170003T	Disc, Cutter, 492 Pcd	1
2.26.6	SKIT54N	Pair, Blade+Bolt+Washer+Nut	1
OPTIONAL	CA17716D	Plug, Mulching, 890(35"),Suitable for A19121L	



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