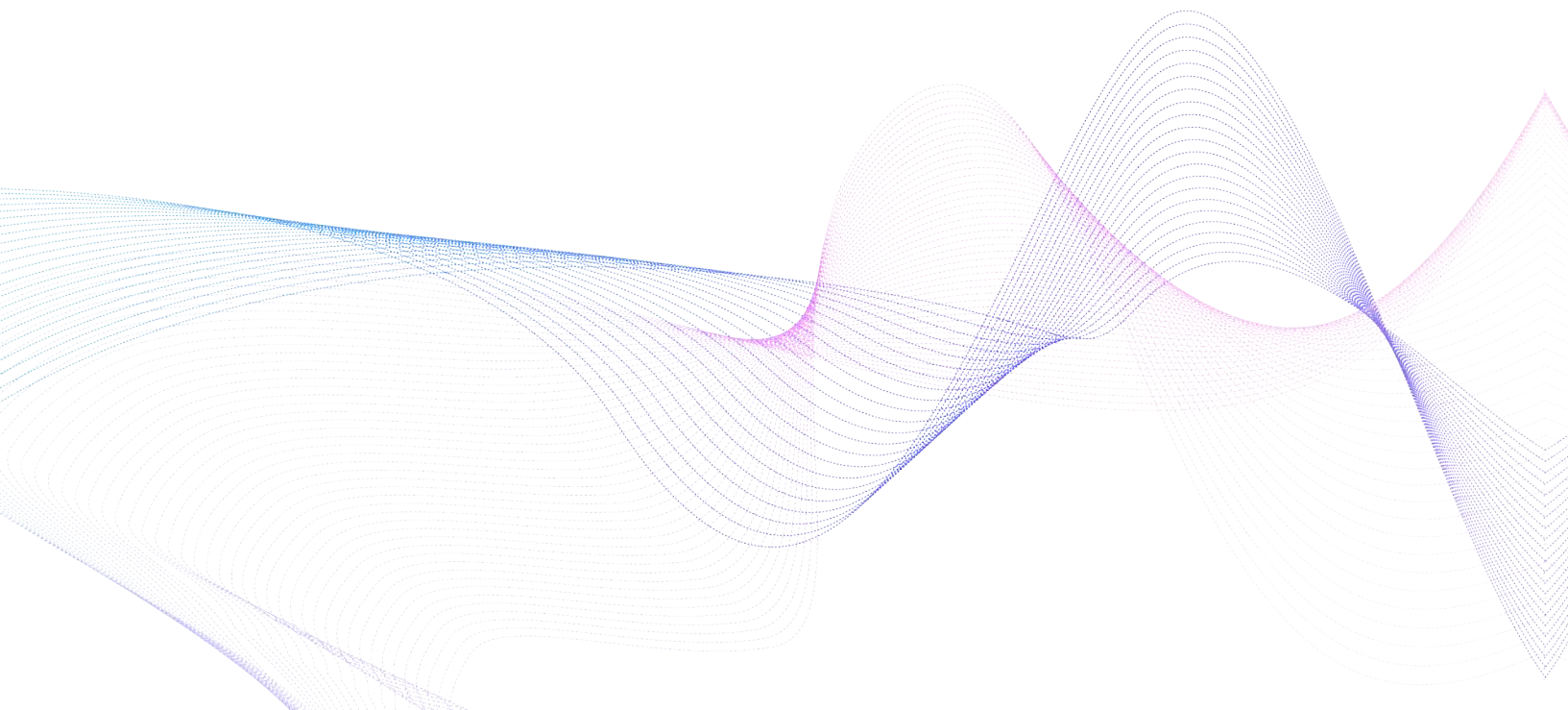
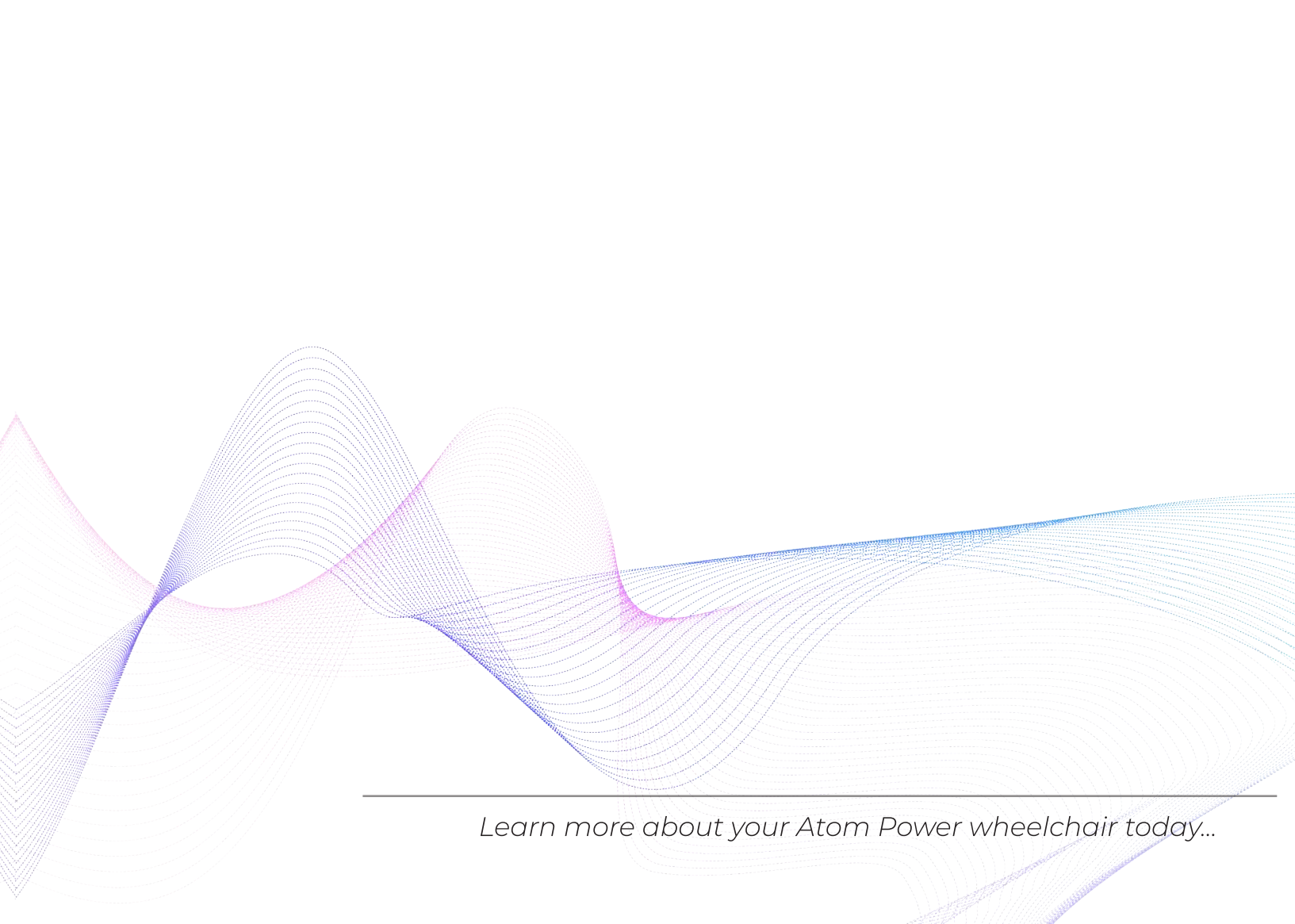




Atom
Power Wheelchair





Learn more about your Atom Power wheelchair today...

Contents

1	Welcome	5	9.2.2	Charging the batteries.....	19
2	Safety Information.....	6	10	Troubleshooting & Fault Codes	21
3	Safety Warnings	7	11	Maintenance	22
3.1	Safe Inclines.....	8	11.1	Component Checks.....	22
4	Unintentional Movement.....	9	11.2	Cleaning.....	23
5	The Atom Power	10	11.2.1	Framework.....	23
6	Assembly & Expansion.....	11	11.2.2	Seat Cushions	23
6.1	Anti-Tip Wheels.....	12	12	Warranty	24
6.2	Joystick Controller Lever.....	13	12.1	One-Year Warranty.....	24
7	Folding & Unfolding the Atom Power.....	14	12.2	Warranty Exclusions	24
8	Controls.....	15	12.3	Warranty Policy.....	25
9	Operating Your Atom Power.....	16	13	Specifications	26
9.1	Using the Powerchair.....	16	14	Servicing	27
9.2	Charging.....	18	15	Notes.....	30
9.2.1	Battery Level Indicator	18			

1 Welcome

Congratulations on purchasing your Scooterpac Atom Power. With regular maintenance and proper operation your Atom Power will give you many years and countless miles of rewarding experiences. This manual contains the information that you and your authorised Scooterpac dealer will need to keep your Atom Power in good working order.

If you have any questions, please contact the Scooterpac dealer that supplied your Atom Power and they will be happy to help you.

This Atom Power was originally supplied by:

Dealer Name _____

Address 1 _____

Address 2 _____

Town/City _____

Postcode _____

Phone Number _____

E-mail Address _____

Website _____

2 Safety Information
















An authorised mobility supplier or qualified technician must perform the initial setup of this powerchair. They must follow all the procedures in this manual.

The instructions in this manual are based on the expectation that the powerchair has been correctly selected for user. The manufacturer also expects the user has received assistance from the authorised mobility supplier and/or prescribing health care professional in ensuring the user clearly understands how to safely operate this product.

There are certain situations including some medical conditions where the user will need to practice operating the powerchair in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional, specially trained in assisting the user in various daily living activities.

3 Safety Warnings

	Do not operate your powerchair until you have read and fully understand these instructions.
	Do not operate your powerchair until the assembly and inspection have been completed.
	The Atom Power should only be operated by a single person.
	Only drive over obstacles and up kerbs at the lowest point and at right angles.
	Always drive forwards down gradients, kerbs and other obstacles.
	Sudden turns or sudden changes in speed are not recommended
	Avoid surfaces if there is a risk of skidding due to icy or wet surfaces.
	Avoid driving over loose surfaces such as gravel.
	Do not drive the Atom Power up or down steps. Do not turn the Atom Power around on a slope.
	Never sit on the footplate or allow more than one person on the chair. This will damage the powerchair.
	Never exceed the maximum load – see 13 Specifications.
	Only the occupant or a responsible person should operate the powerchair.
	Never use the powerchair under the influence of alcohol.

3.1 Safe Inclines

The Atom Power can climb inclines of up to 10° without danger. On this 10° incline, the Atom Power can stop, brake and turn. It is possible to attempt steeper inclines, but we strongly suggest that you do not. To reduce the possibility of tipping backwards on inclines, lessen the load on the back of the scooter by sliding the seat forward as much as possible and leaning forward.



Figure 1 – Recommended gradients

4 Unintentional Movement

Before operating, the Atom Power should always be stationary. When the Atom Power is switched on, it will remain stationary until the joystick is pushed or pulled.

Do not attempt to operate the powerchair when standing.

5 The Atom Power



6 Assembly & Expansion

1. Remove the Atom Power from the packaging box.
2. Holding the handle with one hand, press the front of the downward with the other hand.
3. Push until the seat and back of the chair are at 90 degrees and the lock is in place.
4. Unfold the footplate from the bottom.



Do not use the powerchair until the folding lever lock is securely in place.

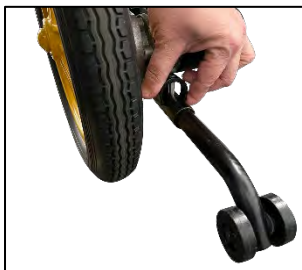
6.1 Anti-Tip Wheels

The Atom Power is fitted with rear anti-tip wheels. These are an emergency failsafe that should never be relied upon in normal operation. These are designed to stop the Atom Power tipping backwards on a steep incline. To install the anti-tip wheels, follow the below steps:

1. With your finger, press the hold bead on one of the anti-tip wheel poles.
2. Insert the pole into the pipe as shown below. You will hear a click, confirming it has been securely fitted.
3. To confirm the anti-tip wheel has been fitted try and remove it from the frame.
4. Repeat the process for the other anti-tip wheel.



Step 2



Step 3

6.2 Joystick Controller Lever

1. Insert the joystick controller lever into the holder.
2. Adjust it to the preferred position for the user.
3. Tighten the locking nut.



7 Folding & Unfolding the Atom Power

To fold the Atom Power follow the below steps:

1. Ensure the powerchair is stationary.
2. Fold the footplate.
3. Turn the front wheels horizontally.
4. Pull the yellow folding lever located under the front of the seat.
5. Hold one of the handles of the powerchair and pull the front end of the seat up.
6. To unfold, pull the seat back and push the seat bottom away from one another.



Step 2

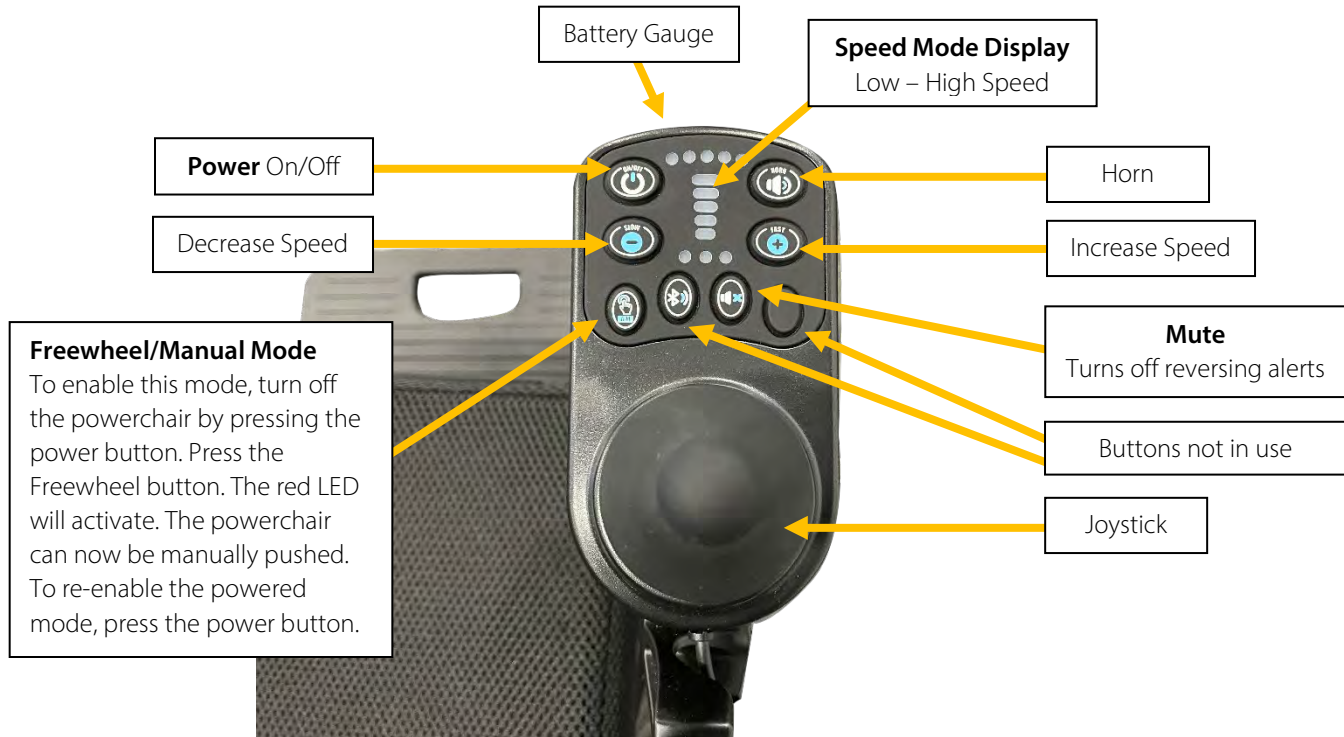


Step 4



Step 5

8 Controls



9 Operating Your Atom Power

9.1 Using the Powerchair

Before sitting on the powerchair ensure the footplate is in the upright position. Sit down on the powerchair's seat and then fold the footplate down.



Do not step or use the footplate to get up and down.

Using the footplate in this way may cause the powerchair to tip over.

Once you are sitting in the powerchair, fasten the seat belt. Turn on the green power switch located on the black controller box. To turn on, press and hold the power button on the controller. The indicator lights will illuminate. Push the joystick in the direction you wish to travel. The powerchair will start moving.

The joystick can simultaneously control the direction and speed. Slowly pushing the joystick towards the desired direction of travel controls the speed.

To stop the powerchair while moving, simply release your hand and reposition the joystick to the central position. The powerchair will automatically come to a stop and engage the electromagnetic brakes.

The speed adjustment button the controller adjusts the maximum speed of the powerchair. Users should choose their maximum speed considering their own physical conditions and the local environment. On powering on, the initial level is set to the lowest speed. To increase the speed, press the “+” button. There are five incremental speed modes. To decrease the power, press the “-” button.

To safely leave the powerchair in standby mode, press and hold the power on/off button on the controller. Turn off the green switch located on the black controller box. Fold the footplate into the upright position and then stand up.

9.2 Charging

9.2.1 Battery Level Indicator

To check the battery level, turn on the green switch on the black controller box. Turn on the powerchair by pushing the power on/off button on the controller. Full power is demonstrated by the illumination of 5 lights (1 red, 2 yellow and 2 green) on the battery level indicator. As the powerchair is used, the LED lights will turn off one by one. When the red light flashes, the batteries are low and charging is required.



When the red light on the battery indicator flashes the power level available is extremely low.

Do not use the powerchair. Plug in and charge the powerchair as soon as possible.

9.2.2 Charging the batteries

There are two charging modes: on-board battery charging or charging each battery separately.

To perform on-board charging:

1. Turn off the green power switch on the black controller box.
2. Insert the charger plug into the battery charging port on the black controller box.
3. Insert the two-phase plug at the other end of the charger.
4. Insert the three-pin plug into the mains electric point.
5. The powerchair will now start charging the batteries.



The red light on the charger indicates it is charging. The green light on the charger indicates it is fully charged.

To charge each battery separately:

1. Remove one battery by pressing the red button upward and pull the battery towards you.
2. Plug in the charging lead into the battery charge port.
3. Plug in the charger's power lead into the mains outlet.
4. The battery will now start charging. The red light on the charger indicates it is charging. The green light on the charger indicates it is fully charged.
5. To reinsert the battery, align the battery with the guide slots on the battery base, push forward and wait for a click. The battery is now fixed into position.
6. Repeat the above process for the second battery.

We recommend charging your batteries 6-8 hours – charging overnight is good practice. When the Atom Power is in charge mode it will not enter drive mode.

TOP TIP – For best practice, please ensure to charge your batteries after each use.

If there are long periods where you decide not to use your powerchair, we recommend that batteries are charged at least once a week. This will ensure they remain healthy and are ready for regular use.



Battery Location



Charge Port

10 Troubleshooting & Fault Codes

The most common faults on powerchairs are related to the battery. Check the battery connections, charge level and, conditions before changing parts:

Fault	Reason	Solution
When the controls have been turned on, the powerchair does not move	The charger is plugged in	Unplug the charger
The powerchair does not move or moves unexpectedly	Controller or motor failure	Contact authorised seller/ manufacturer
Battery does not charge	Charger failure	Contact authorised seller/ manufacturer
	Battery failure	Change / replace batteries.

11 Maintenance

11.1 Component Checks

Before performing maintenance work, turn off the powerchair and remove the batteries.

Component	Daily	Weekly	Monthly	Every 3 Months	Every 6 Months
Battery	✓				
Power Connection		✓			
Tire Pressure			✓		
Frame				✓	
Clean Seat Cushion				✓	
Bearings					✓
Tyres					✓
Electromagnetic Brakes					✓

11.2 Cleaning

11.2.1 Framework

To care for the framework, wipe the Atom Power using soft microfibre cloths.

TOP TIP – Please do not use water or wash the framework.

11.2.2 Seat Cushions

To care for the seat cushions, remove them from the powerchair. Clean the seat cushions with warm water and diluted soapy water.

12 Warranty

The Atom Power comes with a one-year manufacturer's warranty when purchased new from an authorised Scooterpac retailer. **To ensure validity, the Warranty must be registered to Scooterpac within 14 days of purchase.**

12.1 One-Year Warranty

From one year from the date of delivery, Scooterpac will provide a warranty on the frame, motors and controller.

12.2 Warranty Exclusions

1. Seat cushions, including damage caused by fabric cleaning.
2. Repairs and/or modifications made to any part of the powerchair without the specific and prior consent from Scooterpac.
3. Circumstances beyond the control of Scooterpac
4. Exclusions also include components with damage caused by:
 - a. Contamination (rain, etc.)
 - b. Abuse, misuse, accident or negligence.
 - c. Commercial use
 - d. Improper operation, maintenance or storage.

12.3 Warranty Policy

The warranty only covers failures due to defects in materials or workmanship which occur during normal use. The warranty is available to the original purchaser and is non-transferable.

The warranty does not extend to the consequential costs resulting from fault clearance, freight and travel costs, loss of earnings, expenses, etc. The manufacturer will not accept responsibility for any damage or injury caused by misuse or non-observation of the instructions set out in this user manual.

13 Specifications

Motor	Rear Wheel Drive 150W x 2
Batteries	Dual 24V 5.2Ah
Max Speed	4mph (UK specification)
Range ¹	12 miles
Brakes	Electromagnetic
Weight Capacity	120kg / 19 stone
Tyres	Front – 7" PU solid Rear – 12" PU pneumatic
Maximum Slope ³	10 degrees
Turning Radius	600mm
Footrest	Fold-away

Overall Size	
Height ²	890mm
Depth ²	850mm
Width ²	600mm
Folded Size	
Height ²	850mm
Depth ²	530mm
Width ²	600mm

¹ Range may vary with battery charge/condition/option, terrain type, tyre condition and vehicle loading.

² Due to manufacturing tolerances and continuous product improvement this specification can be subject to variance of +/-3%.

³ Varies with user weight, terrain type, battery charge, battery condition, tyre condition.

14 Servicing

In order to ensure continued safe operation, the Atom Power must be serviced every 12 months. We recommend recording the servicing dates and locations on the sheets below. Always have your Atom Power serviced at an authorised Scooterpac dealer, using original Scooterpac parts.

Year	Service		Next Service Due
Year One	Dealer Name		
	Technician Name		
	Date of service		
	Notes		
	Signed		

Year	Service		Next Service Due
Year Two	Dealer Name		
	Technician Name		
	Date of service		
	Notes		
	Signed		
Year	Service		Next Service Due
Year Three	Dealer Name		
	Technician Name		
	Date of service		
	Notes		
	Signed		

Year	Service		Next Service Due
Year Four	Dealer Name		
	Technician Name		
	Date of service		
	Notes		
	Signed		
Year	Service		Next Service Due
Year Five	Dealer Name		
	Technician Name		
	Date of service		
	Notes		
	Signed		

15 Notes



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