

WAVEY
DYNAMICS.

CONCIERGE

WAVEY DYNAMICS CONCIERGE.



Modern high performance cars are extremely competent in many ways - comfortable enough for cross country cruises whilst simultaneously being able to deliver staggering lap times on the track, but for the drivers who spend more time at the upper limit of performance, their inherent compromises deliver a less than optimal driving experience.

Even for the most 'focused' of road cars, ultimate performance is compromised to ensure that drivability and comfort are suitable for the range of expected customers. For our clients, this won't do.

Recognising a niche of individuals who share our passion for excellence and want to be at the wheel of an absolutely undiluted driving experience, we present the Wavey Dynamics Concierge.

WAVEY DYNAMICS.



WHO IT'S FOR.

The Wavey Dynamics Concierge is for high performance road and supercar owners who have a passion to create bespoke, 1-of-1 track focused evolutions of their chosen machines.

Drivers who want nothing less than the purest of experiences and want to incorporate the latest of motorsport technology into their cars to step beyond the limitations of compromise.

Perhaps the aim is to optimise a suspension response for a particular racetrack; the Nürburgring Nordschleife or Spa Francorchamps for example, or maybe improved aerodynamics and a little more downforce is the goal?

The Concierge is for you.

WAVEY DYNAMICS.

WHAT WE DELIVER.

With the knowledge gained developing hypercars for clients such as McLaren, combined with our motorsport experience, we're able to extend our services to offer customised, performance oriented design solutions for your prized road cars.

We use motorsport inspired R&D techniques to turn excellence into mastery within the scope of the following sub-systems:

- Wheels
- Suspension
 - Springs & dampers
 - Geometry
 - Kinematics
- Braking systems
- Aerodynamics
 - Wings, splitters, flow devices, underbody aero
- Powertrain tuning

HOW WE DO IT.



In motorsport, data is crucial — with the right eye, objective, data driven insights provide clear understanding of the physics behind a car's performance and a framework from which to implement measurable performance improvements.

The Wavey Dynamics Concierge employs the latest, motorsport standard tools and development methods to draw key performance understandings from data and develop bespoke solutions.

Tools including:

- 4-post suspension shaker rigs
- Wind tunnel and aerodynamic testing facilities
- Computational Fluid Dynamics (CFD) software
- Hub based chassis dyno
- Vehicle dynamics simulation software

A photograph of a line of sports cars, including several white and black McLaren models, parked on a racetrack. In the background, there is a black signpost with the numbers 7, 9, and 10. The track has a red and white curbing on the left side.

THE CONCIERGE EXPERIENCE.

Tell us your objectives, we'll identify key areas of improvement and you can leave the rest to us.

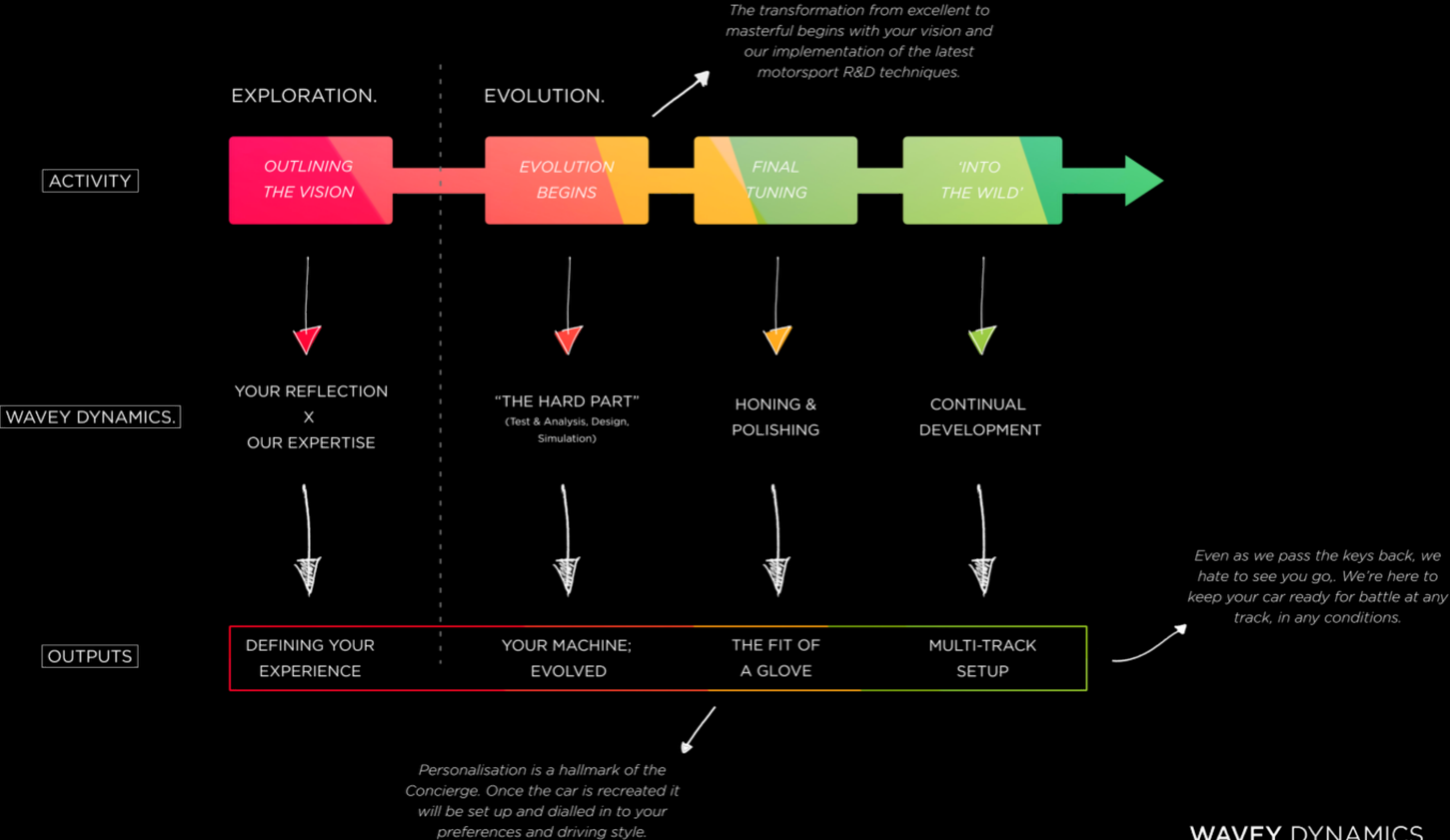
Once we hand back the keys, you'll be the recipient of:

- A finely honed machine incorporating the most current motorsport R&D techniques to achieve nothing less than the highest of performance.
- A detailed engineering report outlining the improvements to your car via before and after data comparisons.
- Support at trackday & other driving events to fine tune the setup and dial it into your driving style.
- Personalised 'behind the scenes' video content of the development process.
- The definition of a unique driving experience.

CUSTOMER JOURNEY.

Our customer journey is designed to keep you front and centre.

Our cars are powerful representations of us, so the Concierge is focused on developing your car to your fit your style at the track, and on the streets.



Wavey Dynamics core expertise is concentrated around performance vehicle dynamics and aerodynamics. Our clients are under continuous pressure to innovate and require specialist knowledge to operate at the intensity demanded by their competition.

You may be in a highly competitive championship battle or preparing for one; our unique depth of skill in both aerodynamics and vehicle dynamics allows us to create innovative solutions unavailable to the competition to give a clear advantage.

We're favourably placed to offer the following services:

- Vehicle dynamics development
- Aerodynamics development
- Performance & race engineering (Trackside)
- Engineering design

Exceptional Insight

We offer an in-depth understanding of the fundamental physics behind racing, enabling us to implement pragmatic solutions to keep you at the front of the grid

Utilising modern instrumentation, data analysis and simulation tools, We help to drive a blend between a deep understanding of technology and clear performance outcomes.



LET'S DISCUSS.

- Our website has much more detail on our company, expertise and services offered, along with a collection of technical articles written to summarise a sample of projects we have undertaken.

Please visit waveydynamics.com to learn more.

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