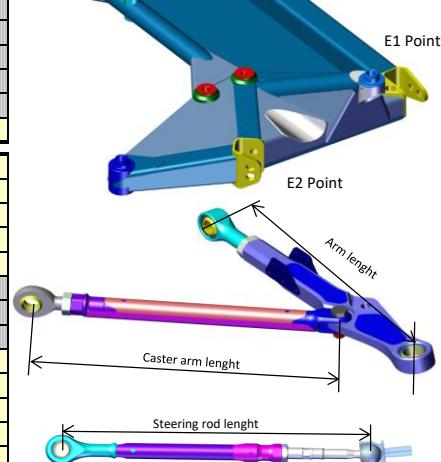




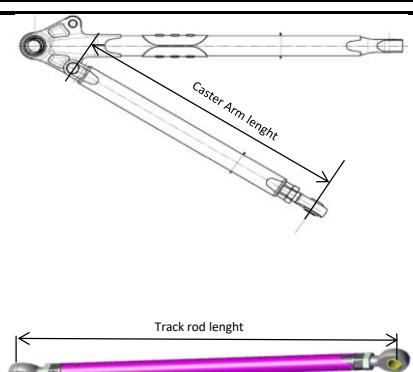
|       |            |        |  |  |  |            |
|-------|------------|--------|--|--|--|------------|
| Rally | Car        |        |  |  |  |            |
| Date  | Surface    | Gravel |  |  |  |            |
| Crew  | Conditions | Dry    |  |  |  | 20/04/2021 |

| General data                |                |          |                     |            |         |                 |                    |
|-----------------------------|----------------|----------|---------------------|------------|---------|-----------------|--------------------|
| Wheel                       | Speedline 7x15 |          |                     |            |         |                 |                    |
| Tyre                        | Michelin       | 17/65-15 | Setup tyre pressure | bars       | 2       | R: 309/310mm    |                    |
| Corner weight with 30L fuel | kg             | FL       |                     | FR         | Ballast | Fr weight ratio | %                  |
|                             | kg             | RL       |                     | RR         |         | L/R diff        | kg                 |
| Crew weight                 | kg             | Driver   |                     | Codriver   |         | Cross diff      | kg                 |
| Car weight                  | kg             | w/ crew  | 1390 min            | Min Weight |         | 1230 min        |                    |
|                             |                |          |                     |            |         |                 | with 1 spare wheel |

| Front AXLE |                                   |             |  |                    |      |  |  |
|------------|-----------------------------------|-------------|--|--------------------|------|--|--|
| SUSPENSION | Main Spring                       | N/mm        |  | 20                 |      |  |  |
|            | Valving                           | spec        |  | G20F               |      |  |  |
|            | Damper settings (LSB, HSB, Reb)   | base        |  | -18 / -14 / -5     |      |  |  |
|            | RCV                               | shim        |  | 3mm                |      |  |  |
|            | Antiroll bar                      | mm / pos    |  | 17,6               | Soft |  |  |
|            | Antiroll rod lenght (theoretical) | mm          |  | 235                |      |  |  |
| GEOMETRY   | Ride Height*                      | mm          |  | 168                |      |  |  |
|            | Cup Height (theoretical)          | mm          |  |                    |      |  |  |
|            | Toe / wheel (+ = toe in)          | mm          |  | 0 mm               |      |  |  |
|            | Camber                            | ( ° )       |  | -1°10'             |      |  |  |
|            | Camber shim (theoretical)         | mm          |  |                    |      |  |  |
|            | Point C Bracket                   | orientation |  | Marking -> OUTSIDE |      |  |  |
|            | E1 Point                          | position    |  | INSIDE             |      |  |  |
|            | E2 Point                          | position    |  | LOWER              |      |  |  |
|            | Arm lenght (theoretical)          | mm          |  | 400,2              |      |  |  |
|            | Caster arm lenght (theoretical)   | mm          |  | 372,5              |      |  |  |
|            | Steering rod lenght (theoretical) | mm          |  | 394                |      |  |  |
|            | 2517 < Wheelbase < 2568           | mm          |  | 2567               |      |  |  |
|            | Caster (for info)                 | ( ° )       |  | 7°14'              |      |  |  |



| Rear AXLE - Evo Rear Subframe |                                   |          |  |               |      |  |  |
|-------------------------------|-----------------------------------|----------|--|---------------|------|--|--|
| SUSPENSION                    | Main Spring                       | N/mm     |  | 20            |      |  |  |
|                               | Valving                           | spec     |  | G17R          |      |  |  |
|                               | Damper settings (LSB, HSB, Reb)   | base     |  | -5 / -5 / -17 |      |  |  |
|                               | RCV                               | shim     |  | 3mm           |      |  |  |
|                               | Antiroll bar                      | mm / pos |  | 21,6          | Soft |  |  |
|                               | Antiroll rod lenght (theoretical) | mm       |  | 260           |      |  |  |
| GEOMETRY                      | Ride Height*                      | mm       |  | 188           |      |  |  |
|                               | Cup Height (theoretical)          | mm       |  |               |      |  |  |
|                               | Toe / wheel (+ = toe in)          | mm       |  | 1 mm          |      |  |  |
|                               | Camber                            | ( ° )    |  | -1°20'        |      |  |  |
|                               | Camber shim (theoretical)         | mm       |  |               |      |  |  |
|                               | Caster Arm lenght (theoretical)   | mm       |  | 469           |      |  |  |
|                               | Track rod lenght (theoretical)    | mm       |  | 541,9         |      |  |  |



| BRAKES                             |      |       |                 |                 |               |  |  |
|------------------------------------|------|-------|-----------------|-----------------|---------------|--|--|
|                                    |      | Front |                 | Rear            |               |  |  |
| Disc                               | spec | Ø x t | 300 x 29        | 300 x 29        |               |  |  |
| Caliper                            | spec | Ø     | Alcon 38.1/41.3 | Alcon 38.1/41.3 |               |  |  |
| Pads                               | spec | -     | Alcon JJ9       | Alcon JJ9       |               |  |  |
| Master cylinder Fr / Rr            | inch | Ø     | 0,7" (17,8mm)   | /               | 0,7" (17,8mm) |  |  |
| Handbrake master cylinder          | inch | Ø     |                 | 0,7" (17,8mm)   |               |  |  |
| Brake ratio (for 30b at the front) | bars | Rear  | 21              |                 | (to be set)   |  |  |

| STEERING            |         |  |                                |  |  |  |  |
|---------------------|---------|--|--------------------------------|--|--|--|--|
| Power steering pump | L / min |  | 13L/min at 130b Ref 904600288A |  |  |  |  |
| Anti return valve   | -       |  | WITH                           |  |  |  |  |

| TRANSMISSION           |               |   |               |         |       |       |  |
|------------------------|---------------|---|---------------|---------|-------|-------|--|
| Front Diff             | Drive / Coast |   | 35 / 72       | Preload | 60 Nm | 12 FF |  |
| Rear Diff              | Drive / Coast |   | 50 / 90       | Preload | 75 Nm | 12 FF |  |
| Clutch master cylinder | inch          | Ø | 0,7" (17,8mm) |         |       |       |  |

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| MISC  | *Nota: Ride height is measured with the driver and codriver weight, with 30L fuel, all fluids leveled, 1 spare wheel, car ready to race. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ride heights mentioned are minimum. Increase ride height (according to the ratio +10/+15) for more protection (bumpy road, ruts). |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Increase spring rate for more protection in case of bad road.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| If low grip, try the front ARB in 15,3 H  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| If case of low grip and power oversteer, try rear diff 45/90 8FF  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

