



# Race Preview

## 2016 GERMAN GRAND PRIX

29 - 31 July 2016

Following last weekend's race at the Hungaroring, teams and drivers have made the short journey from Budapest to Hockenheim, home of the German Grand Prix, Round 12 of the 2016 FIA Formula One World Championship.

The circuit in Baden-Württemberg presents a very different challenge to that experienced in Hungary. Bearing some similarities to the recently-visited Red Bull Ring, Hockenheim is considered a power circuit, thanks to a sequence of medium-length straights in the opening half of the lap on which cars will accelerate to more-than 300km/h before braking heavily. Hockenheim, however, is a faster circuit than the Austrian track, with many of its 16 corners taken at medium or high speed.

The key corner, however, is very much at the other end of the scale. The Turn Six hairpin is approached at speeds in excess of 330km/h but following deceleration of up to **6g** cars take the tight corner at around 75km/h. Heavy braking and the multiple lines through the corner make this the prime overtaking spot on a lap of Hockenheim.

The hairpin, and the demands of the lower-speed stadium section at the end of the lap, create scope for interesting setup compromises, contrasting the needs for a stiff, low-drag car on the faster sections with the traction and downforce demands of the slower parts of the circuit.

Following victory in Hungary, Lewis Hamilton comes to Germany leading the Drivers' World Championship for the first time this year, having overhauled team-mate Nico Rosberg through a string of five victories in the last six races. Hamilton now leads the championship by six points. At the Hungaroring the pair gave Mercedes their third 1-2 finish of the year, meaning the German manufacturer races on home territory this weekend leading the Constructors' Championship by 154 points. Far closer is the battle for second between Ferrari and Red Bull Racing, the Italian team are now just a single point ahead of their rivals.



### HOCKENHEIMRING

**Length of lap:** 4.574km

**Lap record:** 1:13.780 (Kimi Räikkönen, McLaren, 2004)

**Start line/finish line offset:** 0.000km

**Total number of race laps:** 67

**Total race distance:** 306.458km

**Pitlane speed limits:** 80km/h in practice, qualifying, and the race

### CIRCUIT NOTES

- ▶ A wide kerb has been laid between the two sections of green-painted concrete on the left between Turns One and Two.
- ▶ 50mm domed kerbs have been installed behind the existing kerbs on the exits of Turns Six and 11.
- ▶ A 200m section of track has been resurfaced on the approach to Turn 12.
- ▶ The kerb on the exit of Turn 12 has been replaced by a double negative kerb. The remaining area formerly laid with artificial grass has been laid with concrete.
- ▶ The walls on both sides of the track between Turns 13 and 16 have been re-aligned to accommodate a rallycross track. All are further from the track.

### DRS ZONE

- ▶ There will be two DRS zones. The detection point of the first is 110m before Turn One, with the activation point 60m after Turn One. The second detection point is at the exit of Turn Four, with the activation point 260m after Turn Four.

<b>ROUND 12</b>	GERMAN GRAND PRIX	<b>START TIME</b>	14:00 Local - 12:00 GMT
<b>RACE DATE:</b>	31 JUL 2016	<b>CIRCUIT LENGTH:</b>	4.574KM
<b>CIRCUIT NAME:</b>	HOCKENHEIMRING	<b>RACE DISTANCE:</b>	306.458KM
<b>NUMBER OF LAPS:</b>	67	<b>LAP RECORD:</b>	1:13.780 - K Raikkonen [2004]

**KEY**

Speed Km/h: 115.3  
Braking: 115.3  
Gear: 3

Sector Time: T3 24.1  
Lap Time: 1:16.5

Timing Sector: T1 16.8, T2 35.6, T3 24.1

- Sector 1 (Blue circle)
- Sector 2 (Red circle)
- Sector 3 (Green circle)
- Circuit (Black line)
- Start (Black arrow)
- Finish (Checkered flag)
- DRS Detection (Yellow circle)
- DRS Activation (Green circle)
- Run-off Areas (Grey area)
- FIA Medical & Safety Cars (Red cross and 'S')
- Marshal Posts (Grey square)
- Light Panels (Grey square)



## FAST FACTS

- ▶ This is the 62nd running of the Formula One World Championship German Grand Prix. The race was not on the calendar in 1950, 1955, 1960, 2007 or last year.
- ▶ The race was held once at the AVUS track in Berlin (1959), 26 times at the Nürburgring (of which four have been on the GP Circuit and the rest on the Nordschleife) and 34 times at Hockenheim.
- ▶ Hockenheim has hosted the race in two basic configurations. The original 6.8km, 16-turn high-speed layout hosted the race in 1970 and 1977-2001. The current circuit, redesigned by Herman Tilke as a 4.574km layout has been in use since 2002.
- ▶ Ferrari are the most successful team in the history of the German Grand Prix with a massive 21 victories. 11 of those have come at Hockenheim.
- ▶ Michael Schumacher is the most successful driver at the German Grand Prix, winning in 1995, 2002, 2004 and 2006, all of those at Hockenheim. Schumacher has another five victories on German soil, winning the European Grand Prix at the Nürburgring in 1995, 2000, 2001, 2004, 2006.
- ▶ The most successful German Grand Prix driver of the current field is Fernando Alonso. Alonso is a three-time winner, victorious in 2005 for Renault and for Ferrari in 2010 and 2012. All three victories came at Hockenheim.
- ▶ Since the circuit redesign, the winner has come from pole position in two-thirds of the grands prix held at Hockenheim, with victory from pole for Schumacher (2002 & 2004), Juan Pablo Montoya (2003), Lewis Hamilton (2008), Alonso (2012) and Nico Rosberg (2014). During this period the race has been won from P2 twice, by Schumacher (2006) and Alonso (2010). Alonso is the driver to have won from furthest back, from P3 in 2005. On the old layout Rubens Barrichello won from P18 – though this was an anomaly: in the other 24 races the winner never came from beyond the front three rows.
- ▶ This weekend Daniel Ricciardo is set to make his 100th Grand Prix start. Lewis Hamilton reached the same milestone here in 2012.
- ▶ Six drivers are appearing at Hockenheim for the first time in an F1 race. Rookies Pascal Wehrlein, Jolyon Palmer and Rio Haryanto are joined by Carlos Sainz, Max Verstappen and Felipe Nasr. All six have prior experience at the circuit, having raced here in junior single-seater categories and, in Wehrlein's case, also in DTM. Sainz and Verstappen are race winners here; Nasr, Wehrlein and Palmer have all scored podiums.
- ▶ Germany takes over from Hungary this year as the last race before the summer break. In the previous 10 seasons, the constructor leading into the summer break has gone on to win the championship nine times – the exception being McLaren's ill-fated 2007 campaign. For drivers, the leader has clinched the title six times. Hamilton (2007), Mark Webber (2010), Alonso (2012) and Rosberg (2014) did not.

# RACE STEWARDS BIOGRAPHIES

## PAUL GUTJAHR

### **PRESIDENT OF THE FIA HILL CLIMB COMMISSION, BOARD MEMBER AND PRESIDENT OF AUTO SPORT SUISSE SARL**

Paul Gutjahr started racing in the late 1960s with Alfa Romeo, Lancia, Lotus and Porsche, then March in Formula 3. In the early '70s he became President of the Automobile Club Berne and organised numerous events. He acted as President of the organising committee of the Swiss GP at Dijon between 1980-82. Between 1980-2005 he acted as President of the Commission Sportive Nationale de l'Automobile Club de Suisse and in 2005 he became President and board member of the Auto Sport Suisse motor sports club. Gutjahr is President of the Alliance of European Hill Climb Organisers and has been Steward at various high-level international competitions. He was the Formula 3000 Sporting Commissioner and has been a Formula One steward since 1995.



## JOSE ABED

### **FIA VICE PRESIDENT**

José Abed, an FIA Vice President since 2006, began competing in motor sport in 1961. In 1985, as a motor sport official, Abed founded the Mexican Organisation of International Motor Sport (OMDAI) which represents Mexico in the FIA. He sat as its Vice-President from 1985 to 1999, becoming President in 2003. In 1986, Abed began promoting truck racing events in Mexico and from 1986 to 1992, he was President of Mexican Grand Prix organising committee. In 1990 and 1991, he was President of the organising committee for the International Championship of Prototype Cars and from 1990 to 1995, Abed was designated Steward for various international Grand Prix events. Since 1990, Abed has been involved in manufacturing prototype chassis, electric cars, rally cars and kart chassis.



## EMERSON FITTIPALDI

### **DOUBLE F1 WORLD CHAMPION AND CHAMP CAR CHAMPION**

Emerson Fittipaldi is the winner of 14 Formula One grands prix and two FIA F1 Drivers' World Championship titles. The Brazilian's F1 career took in all of the 1970s, during which time he raced for Team Lotus, McLaren and the eponymous Fittipaldi team. In 1972, while racing for Team Lotus, Fittipaldi became, at that point, F1's youngest World Champion, at the age of 25. He took a second Drivers' Championship in 1974 with McLaren. Fittipaldi continued a distinguished career in single-seater racing after F1, recording two Indy 500 victories (in 1989 and 1993) and winning the Champ Car title in 1989. In 2014 Fittipaldi made his debut in the FIA World Endurance Championship, appearing for AF Corse in the LMGTE Am class at the 6 Hours of São Paulo.







## THURSDAY

**Press conference** 15.00

## FRIDAY

**Practice session 1** 10.00-11.30

**Practice session 2** 14.00-15.30

**Press conference** 16.00

## SATURDAY

**Practice session 3** 11.00-12.00

**Qualifying** 14.00-15.00

Followed by unilateral and press conference

## SUNDAY

**Drivers' Parade** 12.30

**Race** 14.00

Followed by podium interviews and press conference

### ADDITIONAL MEDIA OPPORTUNITIES

#### QUALIFYING

All drivers eliminated in Q1 or Q2 will be available for media interviews immediately after the end of each session, as will drivers who participated in Q3, but who are not required for the post-qualifying press conference. The TV Pen is located in the paddock, adjacent to the FIA Hospitality Unit.

#### RACE

Any driver retiring before the end of the race will be made available at the TV pen interview area. In addition, during the race every team will make available at least one senior spokesperson for interview by officially accredited TV crews. A list of those nominated will be made available in the media centre.

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