**ADULT OCCUPANT**

**FRONTAL IMPACT**
- **Driver**: 3.0 pts
- **Passenger**: 3.0 pts

**SIDE IMPACT CAR**
- **Car**: 4.0 pts

**SIDE IMPACT POLE**
- **Pole**: 4.0 pts

**REAR IMPACT (WHIPLASH)**
- 2.2 pts

**FRONTAL IMPACT**
- **HEAD**
  - Driver airbag contact: stable
  - Passenger airbag contact: stable
- **CHEST**
  - Passenger compartment: stable
  - Windscreen Pillar rearward: 13mm
  - Steering wheel rearward: 22mm
  - Steering wheel upward: none
  - Chest contact with steering wheel: none

**UPPER LEGS, KNEES AND PELVIS**
- Stiff structures in dashboard: Steering column; driver's side switchgear; glovebox lid
- Concentrated loads on knees: driver's side switchgear; glovebox lid.

**LOWER LEGS AND FEET**
- Footwell Collapse: none
- Rearward pedal movement: brake - 37mm
- Upward pedal movement: none

**SIDE IMPACT**
- Head protection airbag: Yes
- Chest protection airbag: Yes

**WHIPLASH**
- Seat description: Standard leather, 10 way electric
- Head restraint type: Reactive
- Geometric assessment: 0.1 pts

**TESTS**
- High severity: 1.9 pts
- Medium severity: 2.1 pts
- Low severity: 1.9 pts

**Total 28 pts | 78%**
## CHILD OCCUPANT

### 18 MONTH OLD CHILD
- **Restraint**: Britax Roemer Baby-safe ISOFIX
- **Group**: 0, 0+
- **Facing**: rearward
- **Installation**: ISOFIX anchorages

**PERFORMANCE** 10.9 pts
**INSTRUCTIONS** 0 pts
**INSTALLATION** 2 pts

**FRONTAL IMPACT**
- Head forward movement: protected
- Head acceleration: good
- Chest load: good

**SIDE IMPACT**
- Head containment: protected
- Head acceleration: good

### 3 YEAR OLD CHILD
- **Restraint**: Britax Roemer Duo Plus
- **Group**: 1
- **Facing**: forward
- **Installation**: ISOFIX anchorages and top tether

**PERFORMANCE** 9.8 pts
**INSTRUCTIONS** 4 pts
**INSTALLATION** 2 pts

**FRONTAL IMPACT**
- Head forward movement: protected
- Head acceleration: good
- Chest load: fair

**SIDE IMPACT**
- Head containment: protected
- Head acceleration: good

### VEHICLE BASED ASSESSMENT
- **Airbag warning Label**: Pictograms at end of facia and on sun visor, not visible when stowed
- **3 pts**

## PEDESTRIAN

### SAFETY ASSIST
- **Total 16 pts | 43%**
- **Total 5 pts | 71%**

**SPEED LIMITATION ASSISTANCE**: 0 pts
- active, standard

**ELECTRONIC STABILITY CONTROL (ESC)**: 3 pts
- standard

**SEATBELT REMINDER**: 2 pts
- driver 1 pts
- passenger 1 pts
DETAILS OF TESTED CAR

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Tested model</th>
<th>Jaguar XF 3.0 diesel 'Premium Luxury', RHD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body type</td>
<td>4 door saloon</td>
</tr>
<tr>
<td>Year of publication</td>
<td>2010</td>
</tr>
<tr>
<td>Kerb weight</td>
<td>1776kg</td>
</tr>
<tr>
<td>VIN from which rating applies</td>
<td>applies to all XFs of the specification tested</td>
</tr>
</tbody>
</table>

SAFETY EQUIPMENT

<table>
<thead>
<tr>
<th>Front seatbelt pretensioners</th>
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<tr>
<td>Front seatbelt load limiters</td>
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<tr>
<td>Driver frontal airbag</td>
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<tr>
<td>Front passenger frontal airbag</td>
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<tr>
<td>Side body airbags</td>
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<tr>
<td>Side head airbags</td>
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COMMENTS

Adult occupant
The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the front seat occupants. However, structures in the dashboard posed a risk of injury to occupants of different sizes and to those sat in different positions and protection for the knee/femur/pelvis body region was rated as marginal. Maximum points were scored in the side impact barrier test, all parts of the body being well protected. In the more severe side pole impact, rib deflections in the dummy indicated weak protection of the chest. The seat and head restraint provided marginal protection against whiplash injuries in the event of a rear end collision.

Child occupant
In the frontal impact, movement of the head of the 3 year dummy, sat in a forward facing restraint, was not excessive. In the side impact, both dummies were properly contained within the protective shells of their restraints. The front passenger airbag cannot be disabled to allow a rearward facing child restraint to be used in that seating position. The labels warning of the dangers of using a rearward facing restraint were not sufficiently clear. The restraint of the 18 month dummy had instruction and warning labels which were not permanently attached and points were lost as a result.

Pedestrian
The XF is equipped with an active bonnet. When sensors in the bumper detect that a pedestrian has been struck, an airbag system lifts the bonnet away from hard structures in the engine bay. This additional space offers better protection to a pedestrian's head. However, tests showed that the system was not as sensitive as Euro NCAP now requires so the protection offered to the head of a struck child was assessed with the system undeployed. In most areas tested, child head protection was poor although some areas were good. Similarly, for the head of an adult, different levels of protection were offered in different areas: most tests on the bonnet surface showed good protection but the results elsewhere were generally poor. The front edge of the bonnet did not score any points for the protection provided to pedestrians' legs but the bumper scored maximum points.

Safety assist
The XF is fitted with electronic stability control as standard. A seatbelt reminder system covering both front seats is also standard. An active, driver-set speed limiter is standard equipment but did not meet Euro NCAP's requirements, and was not rewarded.