

PART D – Anti-Lock Braking System (ABS)

2. The Sierra RS Cosworth Anti-Lock Braking System

Modified Components (cont'd.)

- 6** = Front brake line (connection from RH front brake line to actuation assembly)
 - 7** = Brake line (from actuation assembly to brake pressure regulator valve)
 - 8** = Brake pressure regulator valve
This valve is new. It has been fitted in the rear braking circuit in order to prevent premature pressure build up to the rear brakes.
 - 9** = Brake line (from brake pressure regulator valve to T-connector)
 - 10** = Rear brake discs and brake pads.
-
- All other components are carried over from Sierra XR 4x4 or Scorpio.

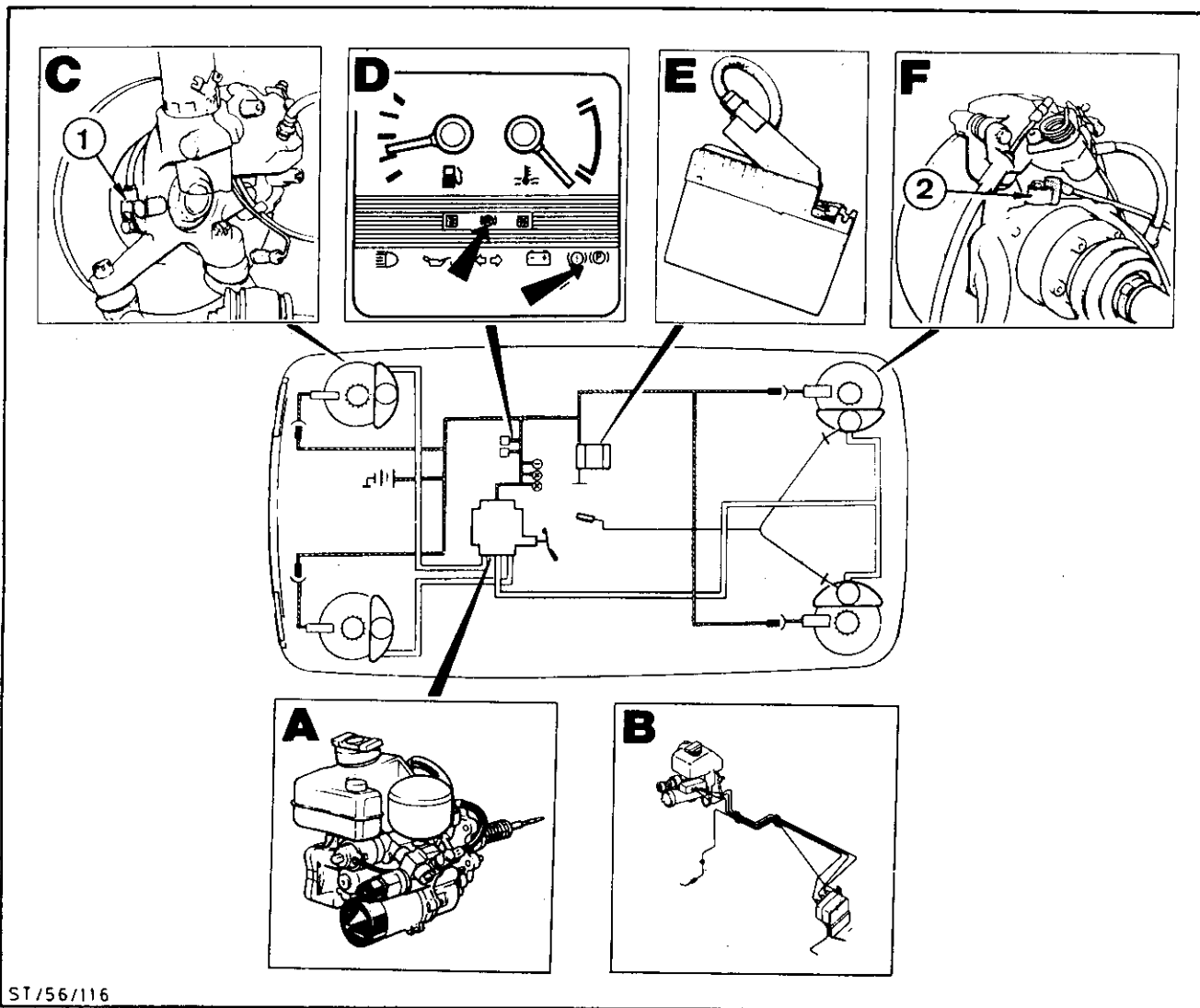
Components for the RHD-Version, which differ from those fitted to the LHD-Version, are shown in illustration on page 70 and listed below:

- a)** Valve block
- b)** Three brake lines between actuation assembly and valve block
- c)** Front brake line (from valve block to RH-brake hose)
- d)** Front brake line (from valve block to LH-brake hose)
- e)** Rear brake line (from valve block to brake pressure regulator valve)

PART D – Anti-Lock Braking System (ABS)

2. The Sierra RS Cosworth Anti-Lock Braking System (cont'd.)

System Components and Location



A = Actuation assembly (LHD-Version).
Installed in the engine compartment on the bulk head.

B = Actuation assembly (RHD-Version).
The valve block of the actuation assembly is fitted separately to the left fender apron.

C = Front wheel brake system.
The wheel sensors (1) are fitted to the front spindle carrier.

D = Warning and safety system.

PART D – Anti-Lock Braking System (ABS)

2. The Sierra RS Cosworth Anti-Lock Braking System

System Components and Location (cont'd.)

Two warning lights are situated on the facia panel.

- The ABS and brake warning lights (low brake fluid level, low accumulator pressure).
- The handbrake warning light.

E = ABS-Module.

This sealed "black box" is located behind the instrument trim panel on the driver side of the vehicle. When defective it must be renewed.

F = Rear wheel brake system.

The wheel sensors (2) are mounted in the end castings of the rear suspension arms.

3. Technical Data

Dual circuit braking system

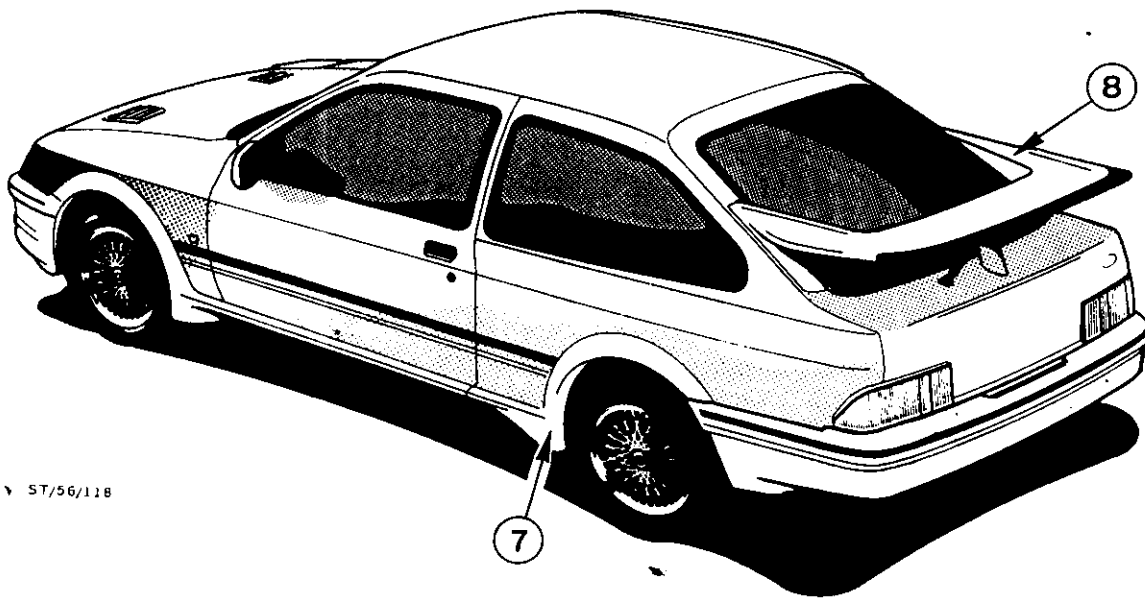
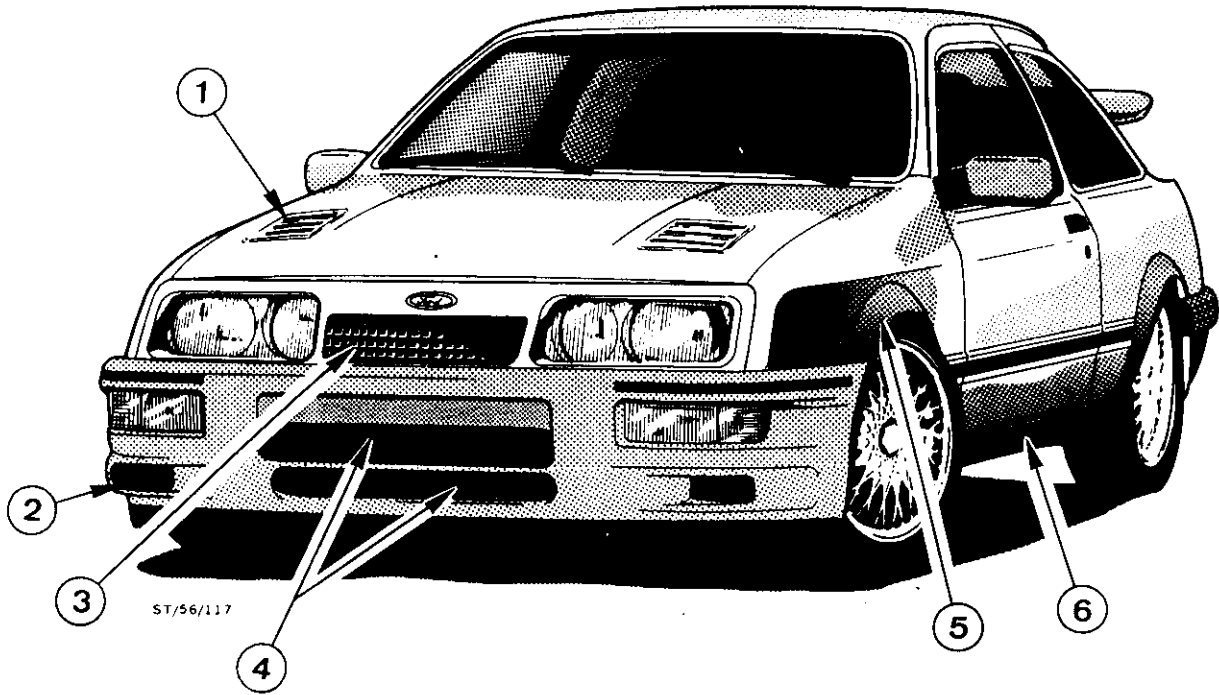
– front wheel left/right separately controlled
– rear wheels controlled together

Brake discs	Front	Rear
Typ	ventilated discs	solid discs
Disc diameter	260.0 mm	254.0 mm
Disc run out	0.15 mm	0.01 mm
Minimum disc thickness	22.7 mm	8.9 mm
Maximum thickness variation	0.01 mm	0.01 mm
Brake fluid-amber	SAM-6C-9101-A or C	

For detailed Technical Data and Tightening Torques see Sierra RS Cosworth Workshop Manual.

PART E – Body Features, Wheels and Tyres

1. Exterior dress up, Wheels and Tyres



PART E – Body Features, Wheels and Tyres

1. Exterior dress up, Wheels and Tyres (cont'd.)

- 1 = Air extraction grilles for improved cooling.
- 2 = Slots for brake cooling.
- 3 = New radiator grill with a single large cooling slot for the intercooler.
- 4 = Large cooling slots for the radiator.
- 5 = Extension for front wheelarches.
- 6 = Moulding-rocker panel.
- 7 = Extension for rear wheelarches.
- 8 = Special rear spoiler with three mounting points to tailgate.

Important:

- Because of the special configuration of some body/trim panels, in particular the special rear-spoiler, the vehicle must under no circumstances be driven through an automatic car wash.
- The stone deflector of the frontbumper will not be installed during production, to avoid shipping damage. It should be installed during PDI.

Wheels and Tyres

15" x 7" racing style light alloy road wheels with lockable hub cover.

205/50 VR 15 – tyres

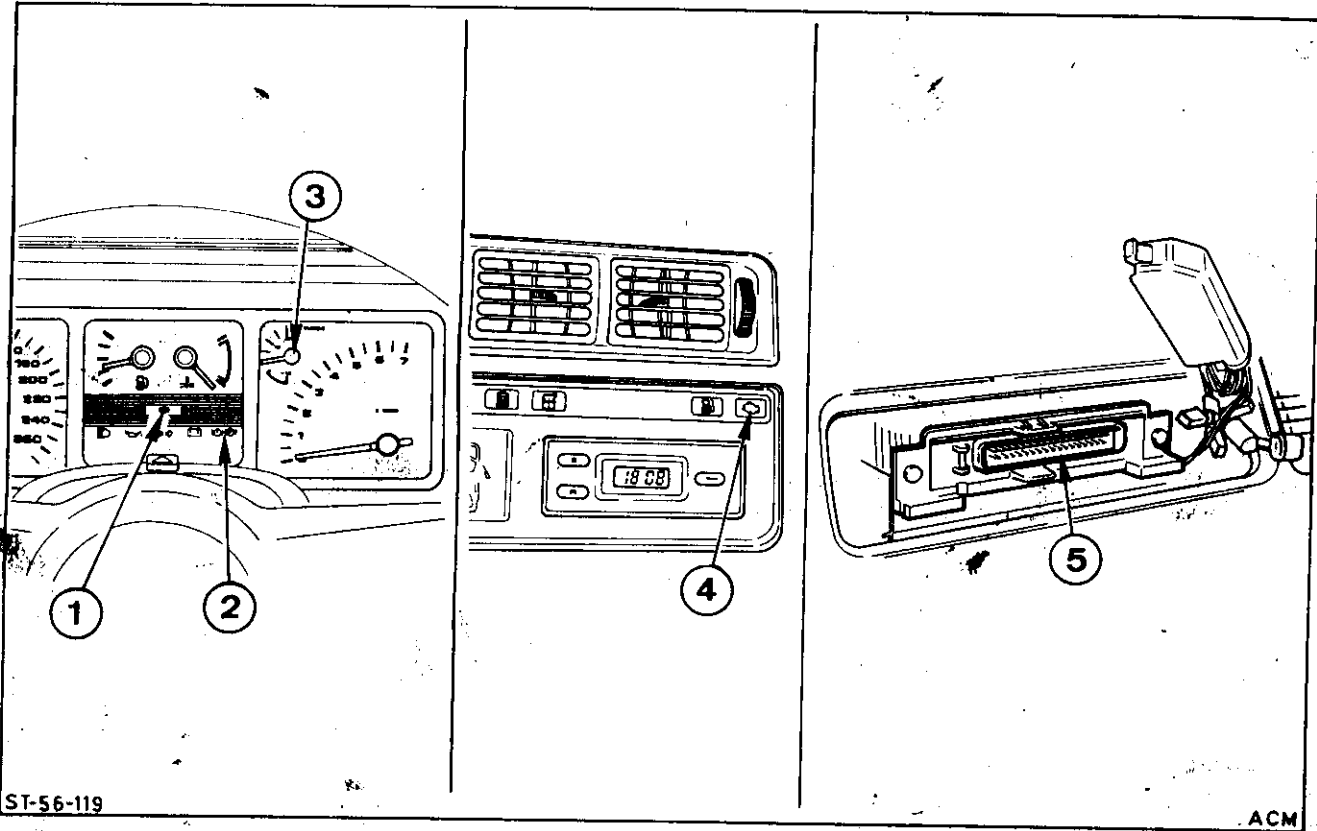
Cold Tyre Pressure		Front	Rear
Normal laden and normal usage	(Bar)	2.1	2.3
Fully laden and normal usage	(Bar)	2.3	2.5

When operating at sustained high speed, in the normal laden condition, the tyre pressure must be increased by 0.1 Bar for every 10 km/h (6 mph) above 160 km/h (100 mph).

PART E – Body Features, Wheels and Tyres

2. Interior features

- Recaro front bucket seats.
- Sport steering wheel.
- Modified instrument panel.



- 1 = ABS/Brake warning light
- 2 = Handbrake warning light
- 3 = Boost pressure gauge
- 4 = Electronic engine control system-warning light
- 5 = Location of ECU with CO adjusting screw, cable for octane adjust and self test connector