						Plan 1	Antes			
ld	select type	table	type	possible keys	key	key len	ref	rows	filtered	Extra
1	SIMPLE	С	index	PRIMARY	PRIMARY	4	NULL	19975	100.00	Using index
1	SIMPLE	r	ref	PRIMARY	PRIMARY	4	reparacion.c.dniCliente	1	100.00	Using where
ı	SIMPLE	S	eq ref	PRIMARY	PRIMARY	4	reparacion.r.codSucursal	1	100.00	Using where
L	SIMPLE	rv	eq_ref	PRIMARY	PRIMARY	101	reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const	1	100.00	Using where; Using index
					P	lan 1 I	Después			obing index
d	select_type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra
L	SIMPLE	rv	ref	PRIMARY,idx_er	idx_er	92	const	758	100.00	Using where; Using index
	SIMPLE	С	eq_ref	PRIMARY	PRIMARY	4	reparacion.rv.dniCliente	1	100.00	Using index
	SIMPLE	r	eq_ref	PRIMARY	PRIMARY	9	reparacion.rv.dniCliente, reparacion.rv.fechaInicioReparacion	1	100.00	Using where
L	SIMPLE	S	eq_ref	PRIMARY,idx_m2, Idx_ciu_suc	PRIMARY	4	reparacion.r.codSucursal	1	100.00	Using where
						Plan 2	Antes			
d	select type	table	type	possible keys	key	key_len	ref	rows	filtered	Extra
L	SIMPLE	С	index	PRIMARY	PRIMARY	4	NULL	19975	100.00	Using index
	SIMPLE	r	ref	PRIMARY	PRIMARY	4	reparacion.c.dniCliente	1	100.00	Using where
	SIMPLE	S	eq_ref	PRIMARY	PRIMARY	4	reparacion.r.codSucursal	1	100.00	Using where
	SIMPLE	rv	eq_ref	PRIMARY	PRIMARY	101	reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const	1	100.00	Using where
					ļ P	lan 2 I				osing indez
Ы	select type	table	type	possible keys	key	key len	ref	rows	filtered	Evrt no
				1					ITTTCETEU	EXLIA
1	SIMPLE	S	ref	PRIMARY,idx_m2, Idx ciu suc	idx_ciu_suc	138	const	2	100.00	condition;
	_ 11			PRIMARY,idx_m2, Idx_ciu_suc PRIMARY,idx_er	idx_ciu_suc idx_er					Using index condition; Using where Using where;
L	SIMPLE	s rv	ref ref	Idx_ciu_suc PRIMARY,idx_er	idx_er	138	const	708	100.00	Using index condition; Using where Using where; Using index
l l	SIMPLE	S	ref	Idx_ciu_suc		138	const const reparacion.rv.dniCliente reparacion.rv.dniCliente,	2	100.00	Using index condition; Using where; Using where; Using index Using index
1	SIMPLE SIMPLE SIMPLE	s rv c	ref ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY	idx_er	138 92 4	const const reparacion.rv.dniCliente	708	100.00	Using index condition; Using where Using where; Using index Using index
L L	SIMPLE SIMPLE SIMPLE	s rv c	ref ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY	idx_er PRIMARY PRIMARY	138 92 4 9	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion	708	100.00	Using index
	SIMPLE SIMPLE SIMPLE SIMPLE	s rv c r	ref ref eq_ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY	idx_er PRIMARY PRIMARY	138 92 4 9	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion	708	100.00 100.00 100.00	Using index condition; Using where Using where; Using index Using index Using where
- -	SIMPLE SIMPLE SIMPLE SIMPLE	rv c r	ref ref eq_ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY primary primary	idx_er PRIMARY PRIMARY	138 92 4 9	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes	2 708 1 1 1 rows	100.00 100.00 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where
l l l	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY	rv c r	ref ref eq_ref eq_ref type index	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY PRIMARY possible_keys PRIMARY	idx_er PRIMARY PRIMARY key PRIMARY	138 92 4 9 Plan 3 key_len 4	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL	2 708 1 1 1 rows 19975	100.00 100.00 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where
d	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY	rv c r	ref ref eq_ref eq_ref index ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY possible_keys PRIMARY PRIMARY	idx_er PRIMARY PRIMARY key PRIMARY PRIMARY	138 92 4 9 Plan 3 key_len 4	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente	2 708 1 1 1 rows 19975	100.00 100.00 100.00 100.00 filtered 100.00 100.00	Using index condition; Using where Using where Using index Using where Using where Using where Using where Using where Using where
d	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY	rv c r	ref ref eq_ref eq_ref type index	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY PRIMARY possible_keys PRIMARY	idx_er PRIMARY PRIMARY key PRIMARY	138 92 4 9 Plan 3 key_len 4	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL	2 708 1 1 1 rows 19975	100.00 100.00 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where
1	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY PRIMARY	rv c r	ref ref eq_ref eq_ref type index ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY possible_keys PRIMARY PRIMARY	idx_er PRIMARY PRIMARY key PRIMARY PRIMARY	138 92 4 9 Plan 3 key_len 4	const const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente reparacion.c.dniCliente,	2 708 1 1 1 rows 19975	100.00 100.00 100.00 100.00 filtered 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where Using index Using where Using where Using where Using where
L L L L L	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY PRIMARY	rv c r table c r	ref ref eq_ref eq_ref type index ref eq_ref	PRIMARY, idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY	idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0> NULL	138 92 4 9 Plan 3 key_len 4 101 4 NULL	const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const reparacion.r.codSucursal NULL	2 708 1 1 1 rows 19975 1	100.00 100.00 100.00 100.00 filtered 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where Using where Using where Using where Using where Using index Using index Using index Using index
L L L L L	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY PRIMARY PRIMARY	rv c r table c r rv <derived2></derived2>	ref ref eq_ref eq_ref index ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0>	idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0> NULL	138 92 4 9 Plan 3 key_len 4 101	const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const reparacion.r.codSucursal NULL	2 708 1 1 1 1 2	100.00 100.00 100.00 100.00 100.00 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where Using where Using index Using index Using index Using index Using where Using where Using index
d : 1 1 1 1 1 1 2 2	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY PRIMARY PRIMARY	rv c r table c r rv <derived2> sucursal</derived2>	ref ref eq_ref eq_ref index ref eq_ref	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0>	idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0> NULL	138 92 4 9 Plan 3 key_len 4 101 4 NULL	const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const reparacion.r.codSucursal NULL	2 708 1 1 1 1 2	100.00 100.00 100.00 100.00 100.00 100.00 100.00	Using index condition; Using where Using index Using index Using where Using where Using where Using where Using where Using index
d : 1 1 1 1 1 1 2 2	SIMPLE SIMPLE SIMPLE SIMPLE SIMPLE PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY DERIVED	rv c r table c r rv <derived2> sucursal</derived2>	ref ref eq_ref eq_ref type index ref eq_ref ALL	Idx_ciu_suc PRIMARY,idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY Auto_key0> NULL	idx_er PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY PRIMARY	138 92 4 9 Plan 3 key_len 4 101 4 NULL Plan 3 I	const reparacion.rv.dniCliente reparacion.rv.dniCliente, Reparacion.rv.fechaInicioReparacion Antes ref NULL reparacion.c.dniCliente reparacion.c.dniCliente, Reparacion.r.fechaInicioReparacion,const reparacion.r.codSucursal NULL Después	2 708 1 1 1 1 2 18	100.00 100.00 100.00 100.00 filtered 100.00 100.00 100.00 100.00	Using inder condition; Using where Using inder Using inder Using where Using where Using where Using inder Using inder Using inder Using where Using inder Using where Using inder Using where Using inder

9

NULL

138

PRIMARY

NULL

idx_ciu_suc

1

1

2

PRIMARY

PRIMARY

DERIVED

eq_ref

ALL

ref

<derived2>

sucursal

PRIMARY

 \mathtt{NULL}

idx_m2, Idx_ciu_suc reparacion.rv.dniCliente,

Reparacion.rv.fechaInicioReparacion

NULL

 ${\tt const}$

100.00

100.00

100.00

2

2

NULL

Using where;

Using join buffer (Block

Nested Loop)
Using index

condition; Using where

id	select_type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra		
1	SIMPLE	r	ALL	NULL	NULL	NULL	NULL	160234	100.00	Using where		
Plan A después												
id	select_type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra		
1	SIMPLE	r	ref	idx_canthab,idx_dr, Idx_ciu_hosp	idx_dr	92	const	1657	100.00	Using index condition; Using where		
	Plan B Antes											
id	select_type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra		
1	SIMPLE	r	ALL	NULL	NULL	NULL	NULL	160234	100.00	Using where		
	Plan B Después											
id	select type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra		
1	SIMPLE	r	ref	idx_canthab,idx_dr,idx_ciu_hosp	idx_dr	92	const	1518	100.00	Using index condition; Using where		
			ref	idx_canthab,idx_dr,idx_ciu_hosp	idx_dr	92	const	1518	100.00	Using index condition; Using where		
			ref		idx_dr C Ante		const	1518	100.00	-		
1	SIMPLE	r			_			1518	100.00	-		
1	SIMPLE	r		Plan	C Ante	S				Using where		
1 id	SIMPLE select_type	r	type	Plan possible_keys idx_canthab,idx_dr, Idx_ciu_hosp	C Ante	s key_len 92	ref	rows	filtered	Using where Extra Using index condition;		
1 id 1	SIMPLE select_type	r table r	type ref	Plan possible_keys idx_canthab,idx_dr, Idx_ciu_hosp	C Ante	s key_len 92	ref const	rows	filtered	Using where Extra Using index condition;		
1 id 1	SIMPLE select_type SIMPLE	r table r	type ref	Plan possible_keys idx_canthab,idx_dr, Idx_ciu_hosp Plan (C Ante key idx_dr Despu	s key_len 92 és	ref const	rows 1518	filtered 100.00	Using where Extra Using index condition; Using where		

Plan A antes