

Electrical Wiring Diagrams

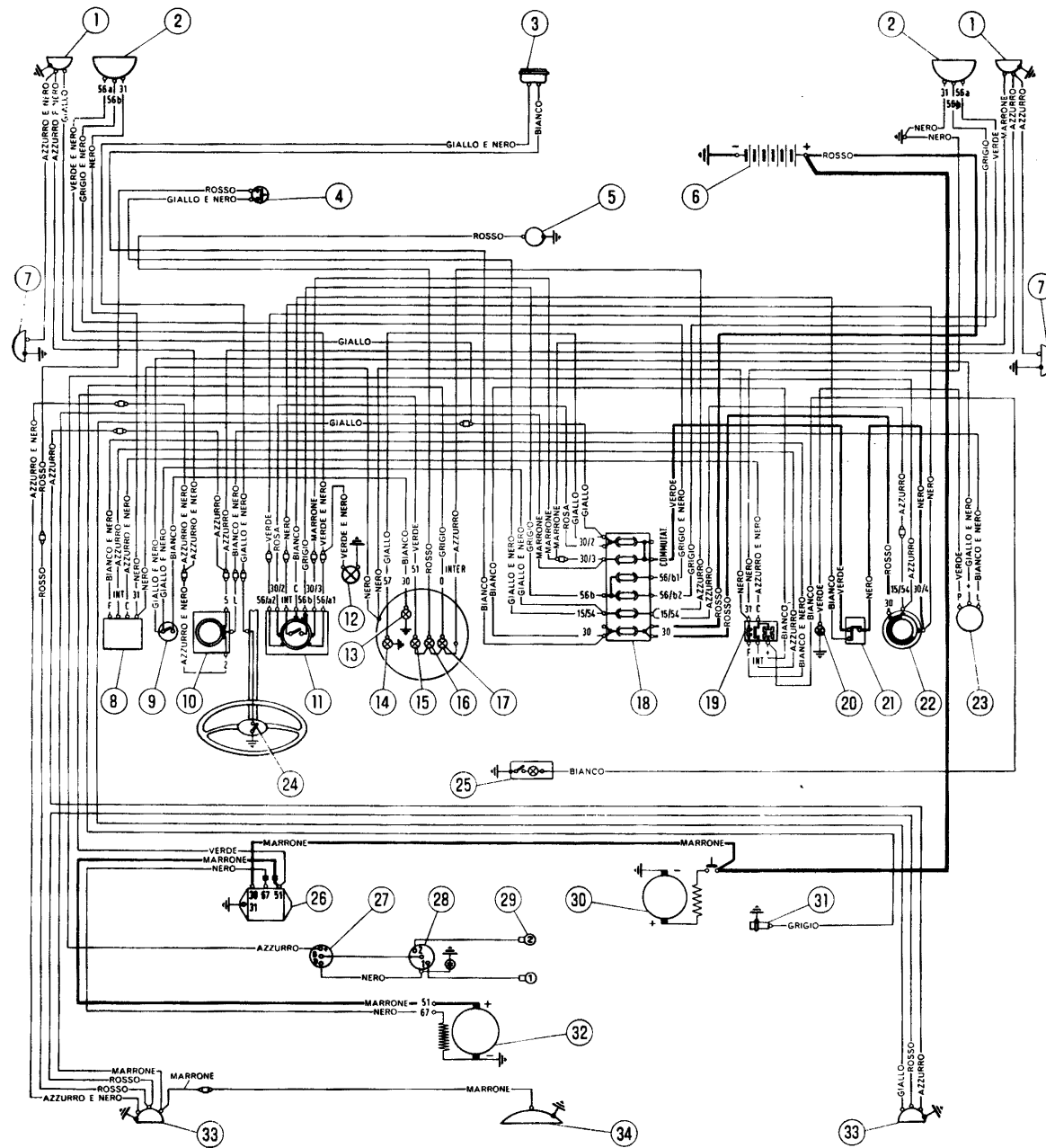


FIG 13:1 Wiring diagram – model 'New 500'

Key to Fig 13:1 1 Front parking and direction indicator lamps 2 Headlamps (high and low beams) 3 Horn 4 Stoplights pressure-operated switch 5 Fuel reserve supply indicator sending unit 6 Battery 7 Side direction indicator lamps 8 Windshield wiper motor 9 Panel light switch 10 Directional signal lever switch 11 External lighting changeover lever switch 12 Height beam indicator 13 Panel light 14 Parking lights indicator 15 Generator charge indicator 16 Fuel reserve supply indicator 17 Low oil pressure indicator 18 Fuses 19 Windshield wiper 3-position switch 20 Direction indicator pilot light 21 External light switch 22 Ignition lock switch 23 Flasher unit, direction indicators 24 Horn button 25 Rear view mirror light 26 Generator regulator 27 Ignition coil 28 Ignition distributor 29 Spark plugs 30 Starter motor 31 Low oil pressure indicator sending unit 32 Generator 33 Rear parking, stop and direction indicator lamps 34 Number plate lamp

NOTE—Mark — means that the cable is provided with numbered strip or ferrule

Key to cable colours Azzurro = Blue Bianco = White Giallo = Yellow Grigio = Grey Marrone = Brown Nero = Black Rosa = Rosy Rosso = Red Verde = Green
 Azzurro e nero = Black and blue Bianco e nero = Black and white Giallo e nero = Black and yellow Verde e nero = Black and green Grigio e nero = Black and grey
 Commutat. = switch INT = Inter = Switch

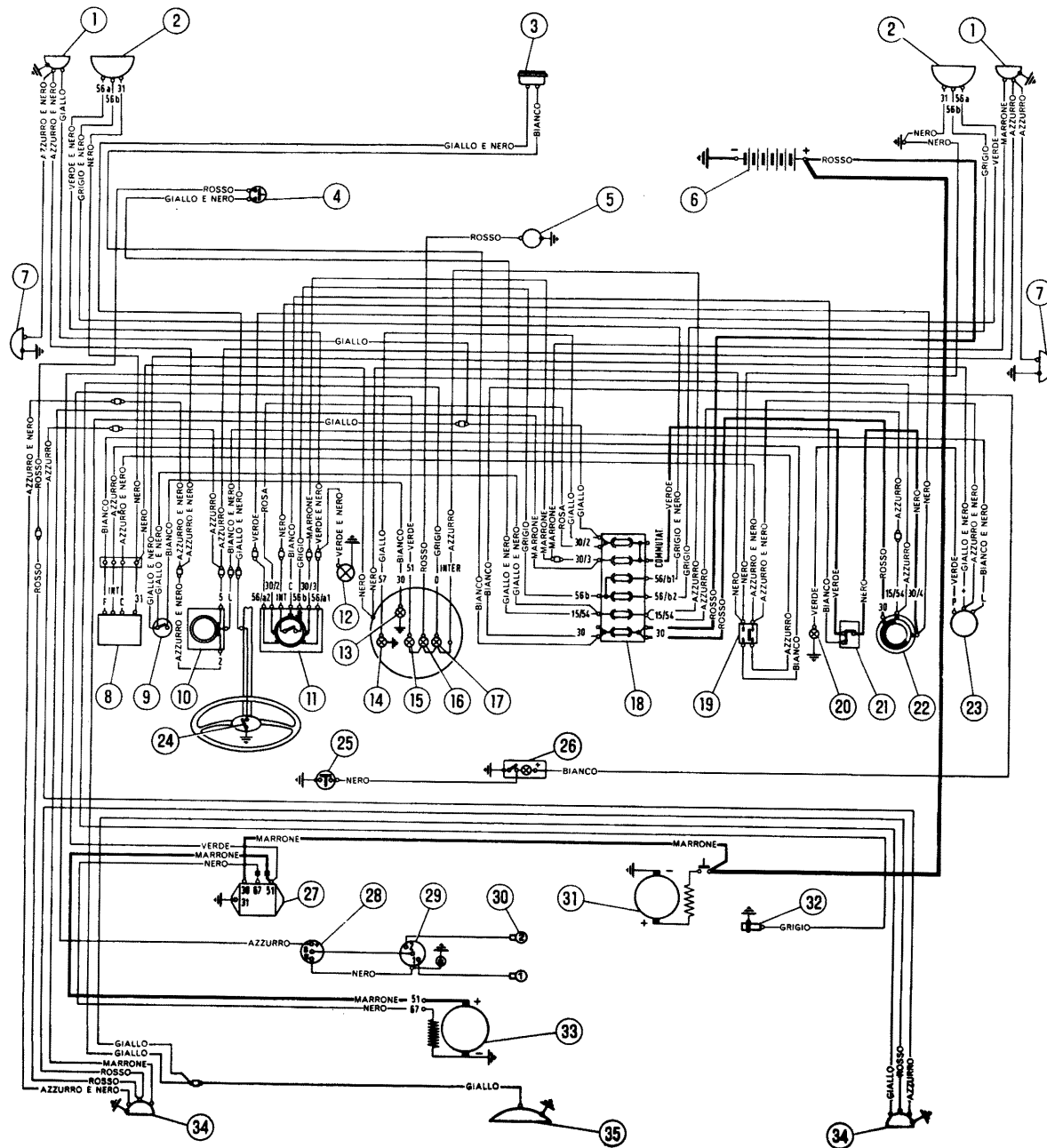


FIG 13:2 Wiring diagram, model 500D

Key to Fig 13:2 1 Front parking and direction indicator lamps 2 Headlamps (high and low beams) 3 Horn 4 Stoplight pressure-operated switch 5 Fuel reserve supply indicator sending unit 6 Battery 7 Side direction indicators 8 Windshield wiper motor 9 Panel light switch 10 Direction indicator switch 11 Outer lighting changeover switch 12 High beam indicator 13 Panel light 14 Parking light indicator 15 Generator charge indicator 16 Fuel reserve supply indicator 17 Low oil pressure indicator 18 Fuses 19 Windshield wiper switch 20 Direction indicator pilot light 21 Outer lighting master switch 22 Key type switch for ignition and warning lights 23 Flasher unit (direction indicators) 24 Horn button 25 Jam-type switch on driver's side door pillar, for light 26 Rear view mirror light 27 Generator regulator indicator lamps 28 Ignition coil 29 Ignition distributor 30 Spark plugs 31 Starter motor 32 Low oil pressure indicator sending unit 33 Generator 34 Rear parking, stop and direction indicator lamps 35 Number plate lamp

NOTE Mark — means that the cable is provided with numbered strip or ferrule

Key to cable colours Azzurro = Blue Bianco = White Giallo = Yellow Grigio = Grey Marrone = Brown Nero = Black Rosa = Pink Rosso = Red Verde = Green INT-INTER = Switch

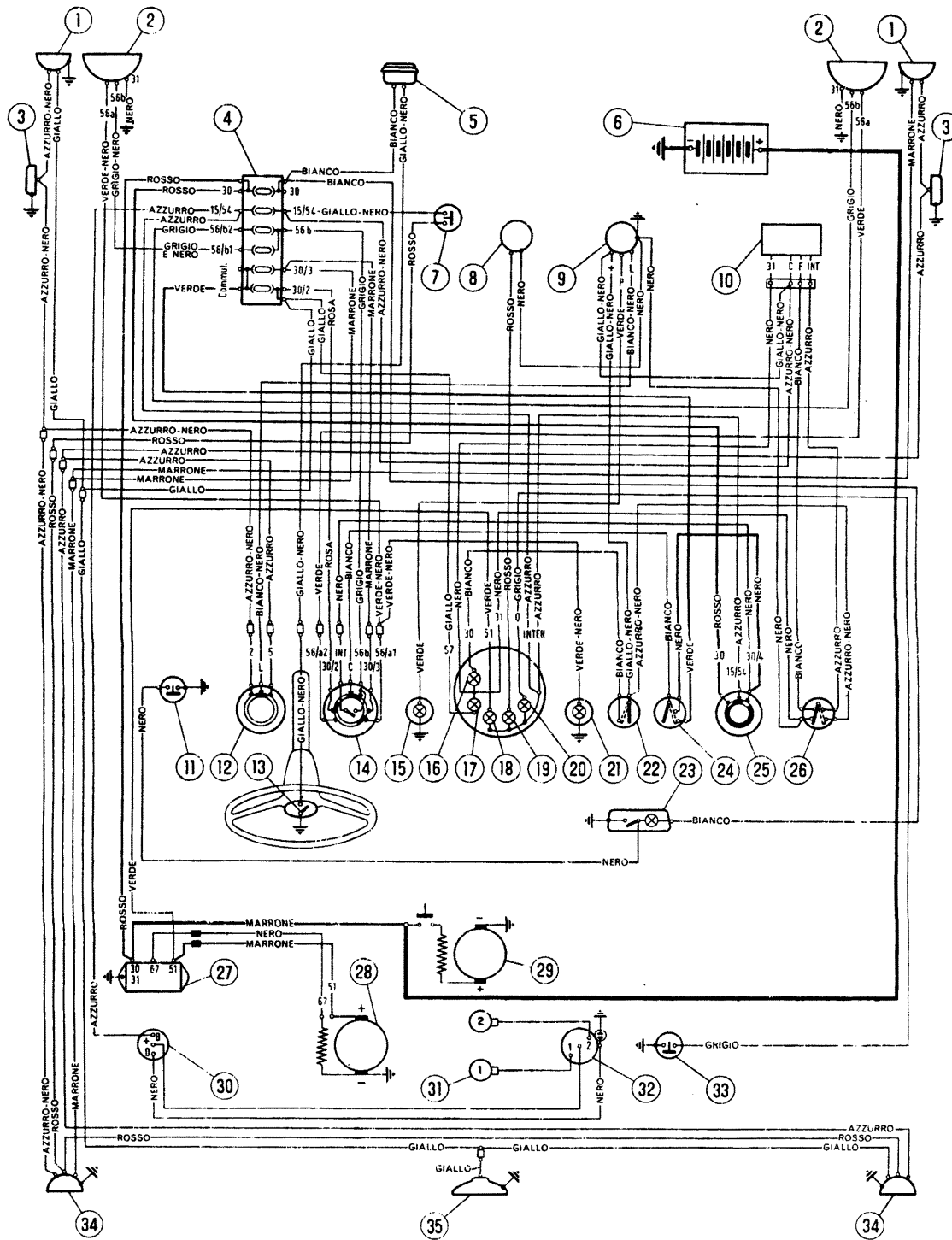


FIG 13:3 Wiring diagram, model 500 (110F)

Key to Fig 13:3 1 Front parking and directional signal lights 2 High and low beam headlights 3 Side directional signal lights 4 Fuses 5 Horn 6 Battery 7 Stoplight pressure-operated switch 8 Fuel reserve supply indicator sending unit 9 Directional signal flasher unit 10 Wiper motor 11 Courtesy light jam switch on driver's side door pillar 12 Directional signal switch 13 Horn button 14 Changeover switch for outer lighting and light flashes 15 Directional signal indicator 16 Instrument cluster light 17 Parking light indicator 18 No-charge indicator 19 Fuel reserve supply indicator 20 Low oil pressure indicator 21 High beam indicator 22 Instrument cluster light switch 23 Map light in rear view mirror 24 Outer lighting master switch 25 Key type ignition switch, also energizing starting and warning lights circuits 26 Windshield wiper switch 27 Generator regulator 28 Generator 29 Starting motor 30 Ignition coil 31 Spark plugs 32 Ignition distributor 33 Low oil pressure indicator sending unit 34 Rear tail, stop and directional signal lights 35 Licence plate light

NOTE—Mark — means that the cable is provided with numbered strip or ferrule

Key to cable colours Azzurro = Blue Bianco = White Giallo = Yellow Grigio = Grey Marrone = Brown Nero = Black Rosa = Pink Rosso = Red Verde = Green
 Azzurro-nero = Black and blue Bianco-nero = Black and white Giallo-nero = Black and yellow Grigio-nero = Black and grey Verde-nero = Black and green
 Commut.-INT. = Switch

NOTE — The wiring diagram covering the 500 Station wagon differs for the presence of an additional inner lamp at rear being wired with the fuse No. 30

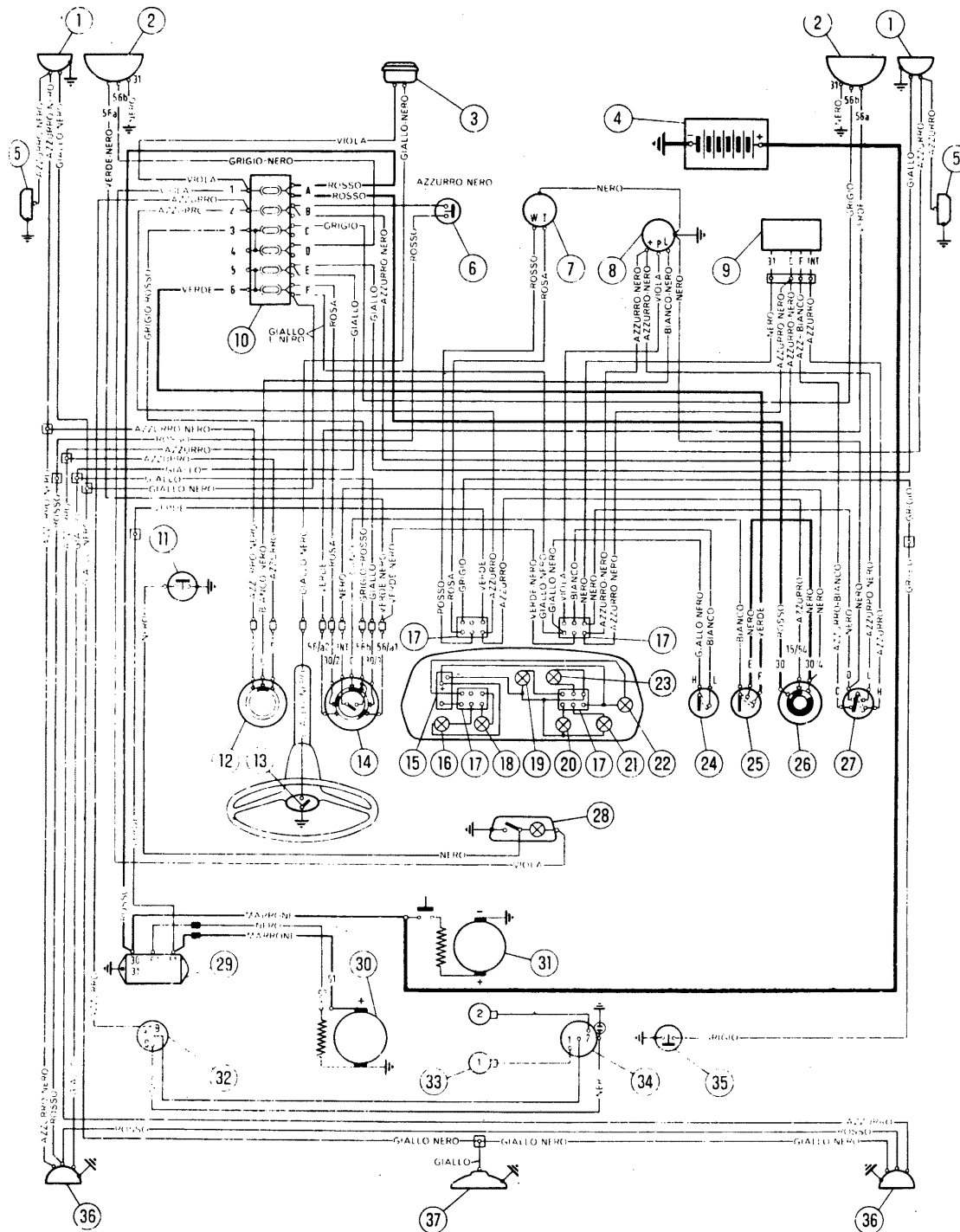


FIG 13:4 Wiring diagram, model 500L Sedan

Key to Fig 13:4 1 Front parking and direction lights 2 High and low beam headlamps 3 Horn 4 Battery 5 Side direction indicators 6 Stoplight hydraulic switch 7 Fuel gauge sending unit 8 Direction indicator flasher 9 Windshield wiper motor 10 Fuses 11 Push button switch on driver's side door for light 12 Changeover switch for direction indicators 13 Horn push button 14 Changeover switch for outside lights and signal flasher 15 Fuel gauges 16 Low fuel indicator (red light) 17 Electric cable connections 18 No-charge indicator (red light) 19 Direction indicator repeater (green light) 20 Parking light indicator (green light) 21 Headlamp high beam indicator (blue light) 22 Low oil pressure warning light (red) 23 Instrument cluster light 24 Instrument cluster light switch 25 Outside light switch 26 Ignition switch controlling other circuits 27 Windshield wiper switch 28 Interior light, built-in rear view mirror 29 Generator regulator 30 Generator 31 Starting motor 32 Ignition coil 33 Spark plugs 34 Low oil pressure indicator sending unit 35 Low oil pressure indicator sending unit 36 Rear parking, stop and direction lights 37 Number plate light

NOTE - Mark — means that the cable has a numbered sheath or tube

Key to cable colours Azzurro = Blue Bianco = White Giallo = Yellow Grigio = Grey Marrone = Brown Nero = Black Rosa = Pink Rosso = Red Verde = Green INT-INTER = Switch

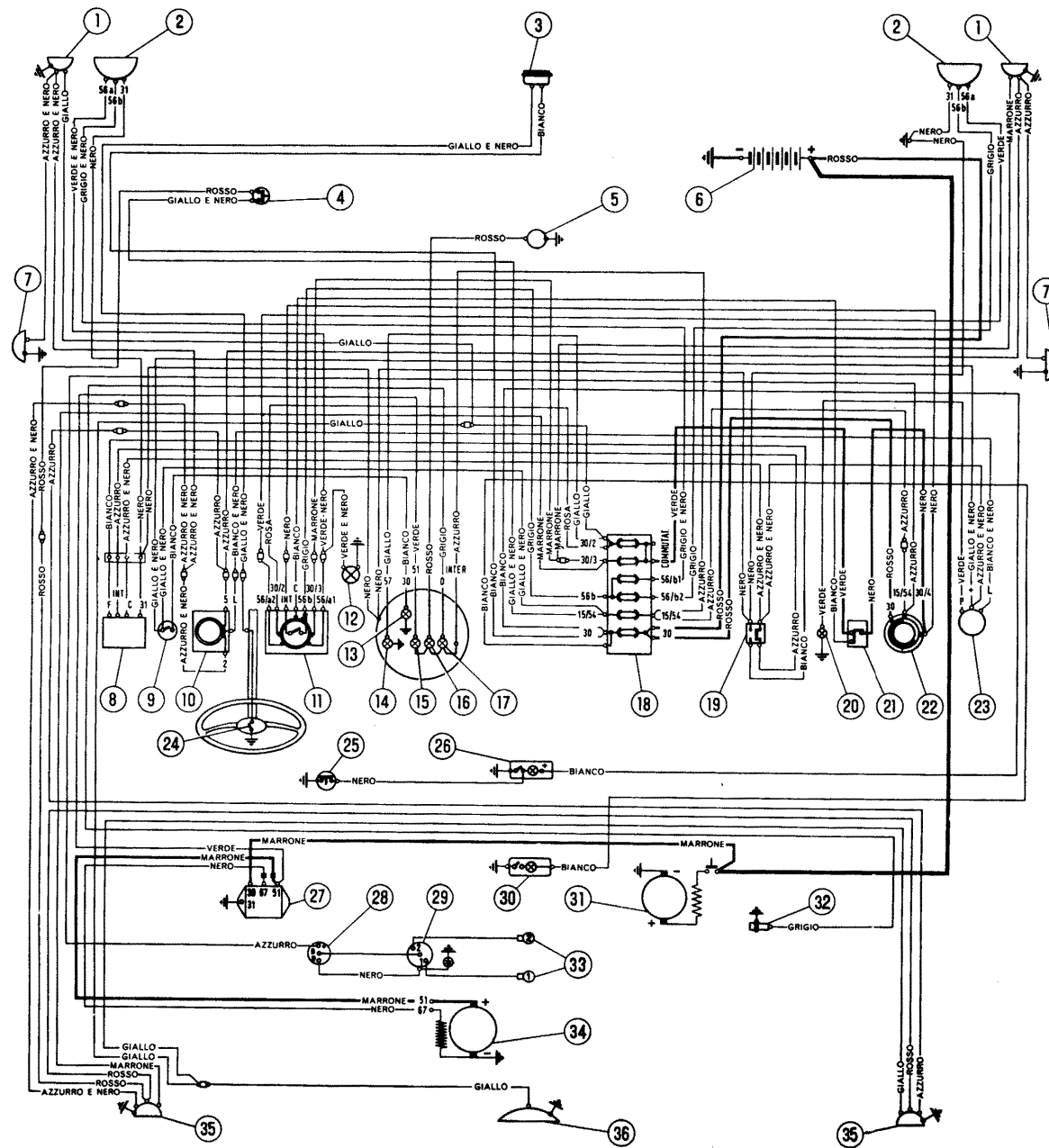


FIG 13:5 Wiring diagram, 500 Station wagon

Key to Fig 13:5 1 Front parking and direction indicator lamps 2 Headlamps (high and low beams) 3 Horn 4 Stoplight pressure-operated switch 5 Fuel reserve supply indicator sending unit 6 Battery 7 Side direction indicators 8 Windshield wiper motor 9 Panel light switch 10 Direction indicator switch 11 Outer lighting changeover switch 12 High beam indicator 13 Panel light 14 Parking light indicator 15 Generator charge indicator 16 Fuel reserve supply indicator 17 Low oil pressure indicator 18 Fuses 19 Windshield wiper switch 20 Direction indicator pilot light 21 Outer lighting master switch 22 Key type switch for ignition and warning lights 23 Flasher unit (direction indicators) 24 Horn button 25 Jam-type switch on driver's side door pillar, for light 26 Rear view mirror light 27 Generator regulator 28 Ignition coil 29 Ignition distributor 30 Inner lamp (also illuminates engine compartment) 31 Starter motor 32 Low oil pressure indicator sending unit 33 Spark plugs 34 Generator 35 Rear parking, stop and direction indicator lamps 36 Number plate lamp

NOTE—Mark — means that the cable is provided with numbered strip or ferrule

Key to cable colours Azzurro = Blue Bianco = White Giallo = Yellow Grigio = Grey Marrone = Brown Nero = Black Rosa = Pink Rosso = Red Verde = Green
INT-INTER = Switch