

1 ELMScan Adapter Validator log file
2 Version 1.16

3
4 Interface - Bluetooth
5 Connection mode - Insecure SPP
6 Device name - OBDII
7 MAC address - 00:1D:A5:68:98:8B
8 Ping - 16 ms (good)
9 Identified as - Fake
10 Compatibility - Bad
11 Time spent - 8.006 s

12
13 Commands summary
14 ELM327 v1.0 - 42 / 42
15 ELM327 v1.1 - 6 / 7
16 ELM327 v1.2 - 18 / 18
17 ELM327 v1.3 - 9 / 9
18 ELM327 v1.3a - 1 / 1
19 ELM327 v1.4 - 6 / 6
20 ELM327 v1.4b - 6 / 6
21 ELM327 v2.0 - 5 / 5
22 ELM327 v2.1 - 2 / 2
23 ELM327 v2.2 - 6 / 6
24 ELM327 v2.3 - 0 / 3
25 Other - 1 / 11

26
27 Ping statistics
28 Raw
29 Count - 50
30 Min - 15
31 Max - 66
32 Average - 28
33 Median - 19
34 Most - 17
35 Most count - 12
36 Jitter - 11
37 Spread - 51

38
39 Normalized
40 Count - 43
41 Percent - 86
42 Min - 16
43 Max - 52
44 Average - 25
45 Jitter - 10
46 Spread - 36
47 Result - 16

48
49 Values, ms
50 18 17 41 18 23 19 31 19 17 34
51 39 16 16 37 18 17 16 17 37 17
52 17 18 22 51 57* 62* 52 66* 26 56*
53 63* 22 15* 17 38 17 19 15* 17 31
54 29 40 17 17 16 16 35 38 21 17

55
56 * These values are irrelevant for the ping calculation

57
58
59 Adapter info commands
60 === ATI (1.0)

61 =====
62 ELM327 v1.5 > | 45 4C 4D 33 32 37 20 76 31 2E 35 0D 0D
63 3E

64
65 Send timestamp - 1769098287876
66 Received timestamp - 1769098287906
67 Command time, ms - 30
68 Status - OK

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68 === AT@1 (1.0)
=====
69 OBDII to RS232 Interpret | 4F 42 44 49 49 20 74 6F 20 52 53 32 33 32 20 49 6E 74 65 72
70 er > | 65 72 0D 0D
71 3E
72 Send timestamp - 1769098287906
73 Received timestamp - 1769098287954
74 Command time, ms - 48
75 Status - OK
76
77 === AT@2 (1.3)
=====
78 ? > | 3F 0D 0D
79 3E
80 Send timestamp - 1769098287954
81 Received timestamp - 1769098288002
82 Command time, ms - 48
83 Status - Invalid command
84
85
86 Standard and extended commands
87 === ATE1 (1.0)
=====
88 OK > | 4F 4B 0D 0D
89 3E
90 Send timestamp - 1769098288003
91 Received timestamp - 1769098288051
92 Command time, ms - 48
93 Status - OK
94
95 === ATAL (1.0)
=====
96 ATAL OK > | 41 54 41 4C 0D 4F 4B 0D 0D
97 3E
98 Send timestamp - 1769098288051
99 Received timestamp - 1769098288068
100 Command time, ms - 17
101 Status - OK
102
103 === ATAMC (2.0)
=====
104 ATAMC OK > | 41 54 41 4D 43 0D 4F 4B 0D 0D
105 3E
106 Send timestamp - 1769098288068
107 Received timestamp - 1769098288105
108 Command time, ms - 37
109 Status - OK
110
111 === ATAMT20 (2.0)
=====
112 ATAMT20 OK > | 41 54 41 4D 54 32 30 0D 4F 4B 0D 0D
113 3E
114 Send timestamp - 1769098288105
115 Received timestamp - 1769098288126
116 Command time, ms - 21
117 Status - OK
118
119 === ATAMT30 (2.0)
=====
120 ATAMT30 OK > | 41 54 41 4D 54 33 30 0D 4F 4B 0D 0D
121 3E

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122 Send timestamp - 1769098288127
123 Received timestamp - 1769098288152
124 Command time, ms - 25
125 Status - OK
126
127 === ATAMT40 (2.0)
=====
128 ATAMT40 OK > | 41 54 41 4D 54 34 30 0D 4F 4B 0D 0D
3E
129
130 Send timestamp - 1769098288152
131 Received timestamp - 1769098288183
132 Command time, ms - 31
133 Status - OK
134
135 === ATAR (1.2)
=====
136 ATAR OK > | 41 54 41 52 0D 4F 4B 0D 0D
3E
137
138 Send timestamp - 1769098288183
139 Received timestamp - 1769098288210
140 Command time, ms - 27
141 Status - OK
142
143 === ATAT0 (1.2)
=====
144 ATAT0 OK > | 41 54 41 54 30 0D 4F 4B 0D 0D
3E
145
146 Send timestamp - 1769098288210
147 Received timestamp - 1769098288240
148 Command time, ms - 30
149 Status - OK
150
151 === ATAT1 (1.2)
=====
152 ATAT1 OK > | 41 54 41 54 31 0D 4F 4B 0D 0D
3E
153
154 Send timestamp - 1769098288240
155 Received timestamp - 1769098288276
156 Command time, ms - 36
157 Status - OK
158
159 === ATAT2 (1.2)
=====
160 ATAT2 OK > | 41 54 41 54 32 0D 4F 4B 0D 0D
3E
161
162 Send timestamp - 1769098288276
163 Received timestamp - 1769098288310
164 Command time, ms - 34
165 Status - OK
166
167 === ATBD (1.0)
=====
168 ATBD 0B 00 00 07 E8 03 4 | 41 54 42 44 0D 30 42 20 30 30 20 30 30 20 30 37 20 45 38 20
30 33 20 34
169 1 0D 00 00 44 00 40 > | 31 20 30 44 20 30 30 20 30 30 20 34 34 20 30 30 20 34 30 20
0D 0D 3E
170
171 Send timestamp - 1769098288310
172 Received timestamp - 1769098288355
173 Command time, ms - 45
174 Status - OK
175
176 === ATSP4 (1.0)
=====
```

```
177 ATSP4 OK > | 41 54 53 50 34 0D 4F 4B 0D 0D
3E
178
179 Send timestamp - 1769098288355
180 Received timestamp - 1769098288405
181 Command time, ms - 50
182 Status - OK
183
184 === ATBI (1.0)
=====
185 ATBI OK > | 41 54 42 49 0D 4F 4B 0D 0D
3E
186
187 Send timestamp - 1769098288405
188 Received timestamp - 1769098288450
189 Command time, ms - 45
190 Status - OK
191
192 === ATBRT20 (1.2)
=====
193 ATBRT20 OK > | 41 54 42 52 54 32 30 0D 4F 4B 0D 0D
3E
194
195 Send timestamp - 1769098288450
196 Received timestamp - 1769098288502
197 Command time, ms - 52
198 Status - OK
199
200 === ATBRT10 (1.2)
=====
201 ATBRT10 OK > | 41 54 42 52 54 31 30 0D 4F 4B 0D 0D
3E
202
203 Send timestamp - 1769098288502
204 Received timestamp - 1769098288552
205 Command time, ms - 50
206 Status - OK
207
208 === ATBRT0F (1.2)
=====
209 ATBRT0F OK > | 41 54 42 52 54 30 46 0D 4F 4B 0D 0D
3E
210
211 Send timestamp - 1769098288552
212 Received timestamp - 1769098288605
213 Command time, ms - 53
214 Status - OK
215
216 === ATSP6 (1.0)
=====
217 ATSP6 OK > | 41 54 53 50 36 0D 4F 4B 0D 0D
3E
218
219 Send timestamp - 1769098288605
220 Received timestamp - 1769098288651
221 Command time, ms - 46
222 Status - OK
223
224 === ATCAF0 (1.0)
=====
225 ATCAF0 OK > | 41 54 43 41 46 30 0D 4F 4B 0D 0D
3E
226
227 Send timestamp - 1769098288651
228 Received timestamp - 1769098288688
229 Command time, ms - 37
230 Status - OK
231
232 === ATCAF1 (1.0)
```

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=====  
233 ATCAF1 OK > | 41 54 43 41 46 31 0D 4F 4B 0D 0D  
3E  
234  
235 Send timestamp - 1769098288688  
236 Received timestamp - 1769098288735  
237 Command time, ms - 47  
238 Status - OK  
239  
240 === ATCEA70 (1.4)  
=====  
241 ATCEA70 OK > | 41 54 43 45 41 37 30 0D 4F 4B 0D 0D  
3E  
242  
243 Send timestamp - 1769098288735  
244 Received timestamp - 1769098288752  
245 Command time, ms - 17  
246 Status - OK  
247  
248 === ATCEA (1.4)  
=====  
249 ATCEA OK > | 41 54 43 45 41 0D 4F 4B 0D 0D  
3E  
250  
251 Send timestamp - 1769098288752  
252 Received timestamp - 1769098288785  
253 Command time, ms - 33  
254 Status - OK  
255  
256 === ATCER70 (2.2)  
=====  
257 ATCER70 OK > | 41 54 43 45 52 37 30 0D 4F 4B 0D 0D  
3E  
258  
259 Send timestamp - 1769098288785  
260 Received timestamp - 1769098288806  
261 Command time, ms - 21  
262 Status - OK  
263  
264 === ATCF7E8 (1.0)  
=====  
265 ATCF7E8 OK > | 41 54 43 46 37 45 38 0D 4F 4B 0D 0D  
3E  
266  
267 Send timestamp - 1769098288806  
268 Received timestamp - 1769098288841  
269 Command time, ms - 35  
270 Status - OK  
271  
272 === ATCF000007E8 (1.0)  
=====  
273 ATCF000007E8 OK > | 41 54 43 46 30 30 30 30 37 45 38 0D 4F 4B 0D 0D  
3E  
274  
275 Send timestamp - 1769098288841  
276 Received timestamp - 1769098288887  
277 Command time, ms - 46  
278 Status - OK  
279  
280 === ATCFC0 (1.0)  
=====  
281 ATCFC0 OK > | 41 54 43 46 43 30 0D 4F 4B 0D 0D  
3E  
282  
283 Send timestamp - 1769098288887  
284 Received timestamp - 1769098288919  
285 Command time, ms - 32  
286 Status - OK  
287
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288 === ATCFC1 (1.0)
=====
289 ATCFC1 OK > | 41 54 43 46 43 31 0D 4F 4B 0D 0D
3E
290
291 Send timestamp - 1769098288919
292 Received timestamp - 1769098288989
293 Command time, ms - 70
294 Status - OK
295
296 === ATCMFFF (1.0)
=====
297 ATCMFFF OK > | 41 54 43 4D 46 46 46 0D 4F 4B 0D 0D
3E
298
299 Send timestamp - 1769098288989
300 Received timestamp - 1769098289023
301 Command time, ms - 34
302 Status - OK
303
304 === ATCM000FFFF (1.0)
=====
305 ATCM000FFFF OK > | 41 54 43 4D 30 30 30 30 46 46 46 46 0D 4F 4B 0D 0D
3E
306
307 Send timestamp - 1769098289024
308 Received timestamp - 1769098289050
309 Command time, ms - 26
310 Status - OK
311
312 === ATCP07 (1.0)
=====
313 ATCP07 OK > | 41 54 43 50 30 37 0D 4F 4B 0D 0D
3E
314
315 Send timestamp - 1769098289050
316 Received timestamp - 1769098289080
317 Command time, ms - 30
318 Status - OK
319
320 === ATCS (1.0)
=====
321 ATCS T:00 R:00 > | 41 54 43 53 0D 54 3A 30 30 20 52 3A 30 30 20 0D 0D
3E
322
323 Send timestamp - 1769098289081
324 Received timestamp - 1769098289131
325 Command time, ms - 50
326 Status - OK
327
328 === ATCSM0 (1.4b)
=====
329 ATCSM0 OK > | 41 54 43 53 4D 30 0D 4F 4B 0D 0D
3E
330
331 Send timestamp - 1769098289131
332 Received timestamp - 1769098289171
333 Command time, ms - 40
334 Status - OK
335
336 === ATCSM1 (1.4b)
=====
337 ATCSM1 OK > | 41 54 43 53 4D 31 0D 4F 4B 0D 0D
3E
338
339 Send timestamp - 1769098289171
340 Received timestamp - 1769098289229
341 Command time, ms - 58
342 Status - OK
```

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343
344 === ATCTM5 (2.1)
=====
345 ATCTM5 OK > | 41 54 43 54 4D 35 0D 4F 4B 0D 0D
3E
346
347 Send timestamp - 1769098289229
348 Received timestamp - 1769098289274
349 Command time, ms - 45
350 Status - OK
351
352 === ATCTM1 (2.1)
=====
353 ATCTM1 OK > | 41 54 43 54 4D 31 0D 4F 4B 0D 0D
3E
354
355 Send timestamp - 1769098289274
356 Received timestamp - 1769098289300
357 Command time, ms - 26
358 Status - OK
359
360 === ATD1 (1.3)
=====
361 ATD1 OK > | 41 54 44 31 0D 4F 4B 0D 0D
3E
362
363 Send timestamp - 1769098289300
364 Received timestamp - 1769098289331
365 Command time, ms - 31
366 Status - OK
367
368 === ATD0 (1.3)
=====
369 ATD0 OK > | 41 54 44 30 0D 4F 4B 0D 0D
3E
370
371 Send timestamp - 1769098289331
372 Received timestamp - 1769098289364
373 Command time, ms - 33
374 Status - OK
375
376 === ATE0 (1.0)
=====
377 ATE0 OK > | 41 54 45 30 0D 4F 4B 0D 0D
3E
378
379 Send timestamp - 1769098289365
380 Received timestamp - 1769098289400
381 Command time, ms - 35
382 Status - OK
383
384 === ATE1 (1.0)
=====
385 OK > | 4F 4B 0D 0D
3E
386
387 Send timestamp - 1769098289400
388 Received timestamp - 1769098289426
389 Command time, ms - 26
390 Status - OK
391
392 === ATFCSD300000 (1.1)
=====
393 ATFCSD300000 OK > | 41 54 46 43 53 44 33 30 30 30 30 0D 4F 4B 0D 0D
3E
394
395 Send timestamp - 1769098289426
396 Received timestamp - 1769098289443
397 Command time, ms - 17
```

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398 Status - OK
399
400 === ATFCSH7E1 (1.1)
=====
401 ATFCSH7E1 OK > | 41 54 46 43 53 48 37 45 31 0D 4F 4B 0D 0D
3E
402
403 Send timestamp - 1769098289443
404 Received timestamp - 1769098289470
405 Command time, ms - 27
406 Status - OK
407
408 === ATFCSH000007E1 (1.1)
=====
409 ATFCSH000007E1 OK > | 41 54 46 43 53 48 30 30 30 30 30 37 45 31 0D 4F 4B 0D 0D
3E
410
411 Send timestamp - 1769098289470
412 Received timestamp - 1769098289500
413 Command time, ms - 30
414 Status - OK
415
416 === ATFCSM0 (1.1)
=====
417 ATFCSM0 OK > | 41 54 46 43 53 4D 30 0D 4F 4B 0D 0D
3E
418
419 Send timestamp - 1769098289500
420 Received timestamp - 1769098289518
421 Command time, ms - 18
422 Status - OK
423
424 === ATFCSM1 (1.1)
=====
425 ATFCSM1 OK > | 41 54 46 43 53 4D 31 0D 4F 4B 0D 0D
3E
426
427 Send timestamp - 1769098289518
428 Received timestamp - 1769098289546
429 Command time, ms - 28
430 Status - OK
431
432 === ATFCSM2 (1.1)
=====
433 ATFCSM2 OK > | 41 54 46 43 53 4D 32 0D 4F 4B 0D 0D
3E
434
435 Send timestamp - 1769098289547
436 Received timestamp - 1769098289582
437 Command time, ms - 35
438 Status - OK
439
440 === ATFCSM8 (2.3)
=====
441 ATFCSM8 ? > | 41 54 46 43 53 4D 38 0D 3F 0D 0D
3E
442
443 Send timestamp - 1769098289583
444 Received timestamp - 1769098289612
445 Command time, ms - 29
446 Status - Invalid command
447
448 === ATFCSM9 (2.3)
=====
449 ATFCSM9 ? > | 41 54 46 43 53 4D 39 0D 3F 0D 0D
3E
450
451 Send timestamp - 1769098289612
452 Received timestamp - 1769098289664
```

```
453 Command time, ms - 52
454 Status - Invalid command
455
456 === ATFCMSMA (2.3)
=====
457 ATFCMSMA ? > | 41 54 46 43 53 4D 41 0D 3F 0D 0D
3E
458
459 Send timestamp - 1769098289664
460 Received timestamp - 1769098289696
461 Command time, ms - 32
462 Status - Invalid command
463
464 === ATFE (1.3a)
=====
465 ATFE OK > | 41 54 46 45 0D 4F 4B 0D 0D
3E
466
467 Send timestamp - 1769098289696
468 Received timestamp - 1769098289732
469 Command time, ms - 36
470 Status - OK
471
472 === ATH1 (1.0)
=====
473 ATH1 OK > | 41 54 48 31 0D 4F 4B 0D 0D
3E
474
475 Send timestamp - 1769098289732
476 Received timestamp - 1769098289762
477 Command time, ms - 30
478 Status - OK
479
480 === ATH0 (1.0)
=====
481 ATH0 OK > | 41 54 48 30 0D 4F 4B 0D 0D
3E
482
483 Send timestamp - 1769098289762
484 Received timestamp - 1769098289795
485 Command time, ms - 33
486 Status - OK
487
488 === ATIB10 (1.0)
=====
489 ATIB10 KBusBaud=10400 OK | 41 54 49 42 31 30 0D 4B 42 75 73 42 61 75 64 3D 31 30 34 30
30 20 4F 4B
490 > | 0D 0D
3E
491
492 Send timestamp - 1769098289795
493 Received timestamp - 1769098289816
494 Command time, ms - 21
495 Status - OK
496
497 === ATIB96 (1.0)
=====
498 ATIB96 KBusBaud=9600 OK | 41 54 49 42 39 36 0D 4B 42 75 73 42 61 75 64 3D 39 36 30 30
20 4F 4B 0D
499 > | 0D
3E
500
501 Send timestamp - 1769098289817
502 Received timestamp - 1769098289846
503 Command time, ms - 29
504 Status - OK
505
506 === ATIB48 (1.4)
=====
```

```
507 ATIB48 KBusBaud=4800 OK | 41 54 49 42 34 38 0D 4B 42 75 73 42 61 75 64 3D 34 38 30 30
20 4F 4B 0D
508 > | 0D
3E
509
510 Send timestamp - 1769098289846
511 Received timestamp - 1769098289880
512 Command time, ms - 34
513 Status - OK
514
515 === ATIB12 (2.2)
=====
516 ATIB12 KBusBaud=10400 OK | 41 54 49 42 31 32 0D 4B 42 75 73 42 61 75 64 3D 31 30 34 30
30 20 4F 4B
517 > | 0D 0D
3E
518
519 Send timestamp - 1769098289880
520 Received timestamp - 1769098289911
521 Command time, ms - 31
522 Status - OK
523
524 === ATIB15 (2.2)
=====
525 ATIB15 KBusBaud=10400 OK | 41 54 49 42 31 35 0D 4B 42 75 73 42 61 75 64 3D 31 30 34 30
30 20 4F 4B
526 > | 0D 0D
3E
527
528 Send timestamp - 1769098289911
529 Received timestamp - 1769098289931
530 Command time, ms - 20
531 Status - OK
532
533 === ATIB18 (Other)
=====
534 ATIB18 KBusBaud=10400 OK | 41 54 49 42 31 38 0D 4B 42 75 73 42 61 75 64 3D 31 30 34 30
30 20 4F 4B
535 > | 0D 0D
3E
536
537 Send timestamp - 1769098289931
538 Received timestamp - 1769098289951
539 Command time, ms - 20
540 Status - OK
541
542 === ATIFRS (1.2)
=====
543 ATIFRS OK > | 41 54 49 46 52 53 0D 4F 4B 0D 0D
3E
544
545 Send timestamp - 1769098289951
546 Received timestamp - 1769098289976
547 Command time, ms - 25
548 Status - OK
549
550 === ATIFRH (1.2)
=====
551 ATIFRH OK > | 41 54 49 46 52 48 0D 4F 4B 0D 0D
3E
552
553 Send timestamp - 1769098289976
554 Received timestamp - 1769098289993
555 Command time, ms - 17
556 Status - OK
557
558 === ATIFR6 (2.2)
=====
559 ATIFR6 OK > | 41 54 49 46 52 36 0D 4F 4B 0D 0D
```

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3E
560
561 Send timestamp      - 1769098289993
562 Received timestamp - 1769098290009
563 Command time, ms   - 16
564 Status              - OK
565
566 === ATIFR4 (2.2)
=====
567 ATIFR4 OK >          | 41 54 49 46 52 34 0D 4F 4B 0D 0D
3E
568
569 Send timestamp      - 1769098290009
570 Received timestamp - 1769098290025
571 Command time, ms   - 16
572 Status              - OK
573
574 === ATIFR5 (2.2)
=====
575 ATIFR5 OK >          | 41 54 49 46 52 35 0D 4F 4B 0D 0D
3E
576
577 Send timestamp      - 1769098290025
578 Received timestamp - 1769098290040
579 Command time, ms   - 15
580 Status              - OK
581
582 === ATIFR2 (1.2)
=====
583 ATIFR2 OK >          | 41 54 49 46 52 32 0D 4F 4B 0D 0D
3E
584
585 Send timestamp      - 1769098290040
586 Received timestamp - 1769098290057
587 Command time, ms   - 17
588 Status              - OK
589
590 === ATIFR0 (1.2)
=====
591 ATIFR0 OK >          | 41 54 49 46 52 30 0D 4F 4B 0D 0D
3E
592
593 Send timestamp      - 1769098290057
594 Received timestamp - 1769098290073
595 Command time, ms   - 16
596 Status              - OK
597
598 === ATIFR1 (1.2)
=====
599 ATIFR1 OK >          | 41 54 49 46 52 31 0D 4F 4B 0D 0D
3E
600
601 Send timestamp      - 1769098290073
602 Received timestamp - 1769098290098
603 Command time, ms   - 25
604 Status              - OK
605
606 === ATIGN (1.4)
=====
607 ATIGN ON >           | 41 54 49 47 4E 0D 4F 4E 0D 0D
3E
608
609 Send timestamp      - 1769098290098
610 Received timestamp - 1769098290122
611 Command time, ms   - 24
612 Status              - OK
613
614 === ATIIA13 (1.2)
=====
```

```
615 ATIIA13 OK > | 41 54 49 49 31 33 0D 4F 4B 0D 0D
3E
616
617 Send timestamp - 1769098290122
618 Received timestamp - 1769098290162
619 Command time, ms - 40
620 Status - OK
621
622 === ATJS (1.3)
=====
623 ATJS OK > | 41 54 4A 53 0D 4F 4B 0D 0D
3E
624
625 Send timestamp - 1769098290162
626 Received timestamp - 1769098290188
627 Command time, ms - 26
628 Status - OK
629
630 === ATJE (1.3)
=====
631 ATJE OK > | 41 54 4A 45 0D 4F 4B 0D 0D
3E
632
633 Send timestamp - 1769098290188
634 Received timestamp - 1769098290201
635 Command time, ms - 13
636 Status - OK
637
638 === ATJHF0 (1.4b)
=====
639 ATJHF0 OK > | 41 54 4A 48 46 30 0D 4F 4B 0D 0D
3E
640
641 Send timestamp - 1769098290201
642 Received timestamp - 1769098290230
643 Command time, ms - 29
644 Status - OK
645
646 === ATJHF1 (1.4b)
=====
647 ATJHF1 OK > | 41 54 4A 48 46 31 0D 4F 4B 0D 0D
3E
648
649 Send timestamp - 1769098290230
650 Received timestamp - 1769098290259
651 Command time, ms - 29
652 Status - OK
653
654 === ATJTM5 (1.4b)
=====
655 ATJTM5 OK > | 41 54 4A 54 4D 35 0D 4F 4B 0D 0D
3E
656
657 Send timestamp - 1769098290259
658 Received timestamp - 1769098290277
659 Command time, ms - 18
660 Status - OK
661
662 === ATJTM1 (1.4b)
=====
663 ATJTM1 OK > | 41 54 4A 54 4D 31 0D 4F 4B 0D 0D
3E
664
665 Send timestamp - 1769098290277
666 Received timestamp - 1769098290292
667 Command time, ms - 15
668 Status - OK
669
670 === ATKW (1.3)
```

```

=====
671  ATKW 1:-- 2:-->          | 41 54 4B 57 0D 31 3A 2D 2D 20 32 3A 2D 2D
    3E
672
673  Send timestamp      - 1769098290292
674  Received timestamp - 1769098290305
675  Command time, ms   - 13
676  Status              - OK
677
678  === ATKW0 (1.2)
=====
679  ATKW0 1:-- 2:-->        | 41 54 4B 57 30 0D 31 3A 2D 2D 20 32 3A 2D 2D
    3E
680
681  Send timestamp      - 1769098290305
682  Received timestamp - 1769098290322
683  Command time, ms   - 17
684  Status              - OK
685
686  === ATKW1 (1.2)
=====
687  ATKW1 1:-- 2:-->        | 41 54 4B 57 31 0D 31 3A 2D 2D 20 32 3A 2D 2D
    3E
688
689  Send timestamp      - 1769098290322
690  Received timestamp - 1769098290339
691  Command time, ms   - 17
692  Status              - OK
693
694  === ATL1 (1.0)
=====
695  ATL1 OK   >              | 41 54 4C 31 0D 4F 4B 0D 0A 0D 0A
    3E
696
697  Send timestamp      - 1769098290339
698  Received timestamp - 1769098290352
699  Command time, ms   - 13
700  Status              - OK
701
702  === ATL0 (1.0)
=====
703  ATL0 OK   >              | 41 54 4C 30 0D 0A 4F 4B 0D 0D
    3E
704
705  Send timestamp      - 1769098290352
706  Received timestamp - 1769098290369
707  Command time, ms   - 17
708  Status              - OK
709
710  === ATM1 (1.0)
=====
711  ATM1 OK   >              | 41 54 4D 31 0D 4F 4B 0D 0D
    3E
712
713  Send timestamp      - 1769098290370
714  Received timestamp - 1769098290393
715  Command time, ms   - 23
716  Status              - OK
717
718  === ATM0 (1.0)
=====
719  ATM0 OK   >              | 41 54 4D 30 0D 4F 4B 0D 0D
    3E
720
721  Send timestamp      - 1769098290394
722  Received timestamp - 1769098290410
723  Command time, ms   - 16
724  Status              - OK
725

```

```

726 === ATNL (1.0)
=====
727 ATNL OK > | 41 54 4E 4C 0D 4F 4B 0D 0D
3E
728
729 Send timestamp - 1769098290410
730 Received timestamp - 1769098290423
731 Command time, ms - 13
732 Status - OK
733
734 === ATPPS (1.1)
=====
735 ATPPS 00:FF F 01:FF F | 41 54 50 50 53 0D 30 30 3A 46 46 20 46 20 20 30 31 3A 46 46
20 46 20 20
736 02:FF F 03:32 F 04:01 F | 30 32 3A 46 46 20 46 20 20 30 33 3A 33 32 20 46 0D 30 34 3A
30 31 20 46
737 05:FF F 06:F1 F 07:0 | 20 20 30 35 3A 46 46 20 46 20 20 30 36 3A 46 31 20 46 20 20
30 37 3A 30
738 9 F 08:FF F 09:00 F 0A | 39 20 46 0D 30 38 3A 46 46 20 46 20 20 30 39 3A 30 30 20 46
20 20 30 41
739 :0A F 0B:FF F 0C:68 F | 3A 30 41 20 46 20 20 30 42 3A 46 46 20 46 0D 30 43 3A 36 38
20 46 20 20
740 0D:0D F 0E:FF F 0F:FF | 30 44 3A 30 44 20 46 20 20 30 45 3A 46 46 20 46 20 20 30 46
3A 46 46 20
741 F 10:0D F 11:00 F 12:F | 46 0D 31 30 3A 30 44 20 46 20 20 31 31 3A 30 30 20 46 20 20
31 32 3A 46
742 F F 13:32 F 14:FF F 15 | 46 20 46 20 20 31 33 3A 33 32 20 46 0D 31 34 3A 46 46 20 46
20 20 31 35
743 :FF F 16:FF F 17:92 F | 3A 46 46 20 46 20 20 31 36 3A 46 46 20 46 20 20 31 37 3A 39
32 20 46 0D
744 18:00 F 19:FF F 1A:FF | 31 38 3A 30 30 20 46 20 20 31 39 3A 46 46 20 46 20 20 31 41
3A 46 46 20
745 F 1B:FF F 1C:FF F 1D:F | 46 20 20 31 42 3A 46 46 20 46 0D 31 43 3A 46 46 20 46 20 20
31 44 3A 46
746 FF | 46
46
747
748 Send timestamp - 1769098290423
749 Received timestamp - 1769098291435
750 Command time, ms - 1012
751 Status - Timeout error
752
753 === ATR0 (1.0)
=====
754 ATR0 OK > | 41 54 52 30 0D 4F 4B 0D 0D
3E
755
756 Send timestamp - 1769098291435
757 Received timestamp - 1769098291469
758 Command time, ms - 34
759 Status - OK
760
761 === ATR1 (1.0)
=====
762 ATR1 OK > | 41 54 52 31 0D 4F 4B 0D 0D
3E
763
764 Send timestamp - 1769098291469
765 Received timestamp - 1769098291498
766 Command time, ms - 29
767 Status - OK
768
769 === ATRV (1.0)
=====
770 ATRV 14.5V > | 41 54 52 56 0D 31 34 2E 35 56 0D 0D
3E
771
772 Send timestamp - 1769098291499
773 Received timestamp - 1769098291531

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774 Command time, ms - 32
775 Status - OK
776
777 === ATCV1200 (1.0)
=====
778 ATCV1200 OK > | 41 54 43 56 31 32 30 30 0D 4F 4B 0D 0D
3E
779
780 Send timestamp - 1769098291531
781 Received timestamp - 1769098291579
782 Command time, ms - 48
783 Status - OK
784
785 === ATCV0000 (1.4)
=====
786 ATCV0000 OK > | 41 54 43 56 30 30 30 30 0D 4F 4B 0D 0D
3E
787
788 Send timestamp - 1769098291579
789 Received timestamp - 1769098291610
790 Command time, ms - 31
791 Status - OK
792
793 === ATCV1450 (1.0)
=====
794 ATCV1450 OK > | 41 54 43 56 31 34 35 30 0D 4F 4B 0D 0D
3E
795
796 Send timestamp - 1769098291610
797 Received timestamp - 1769098291646
798 Command time, ms - 36
799 Status - OK
800
801 === ATSO (1.3)
=====
802 ATSO OK > | 41 54 53 30 0D 4F 4B 0D 0D
3E
803
804 Send timestamp - 1769098291646
805 Received timestamp - 1769098291680
806 Command time, ms - 34
807 Status - OK
808
809 === ATSO1 (1.3)
=====
810 ATSO1 OK > | 41 54 53 31 0D 4F 4B 0D 0D
3E
811
812 Send timestamp - 1769098291680
813 Received timestamp - 1769098291695
814 Command time, ms - 15
815 Status - OK
816
817 === ATSH000007E1 (2.0)
=====
818 ATSH000007E1 OK > | 41 54 53 48 30 30 30 30 30 37 45 31 0D 4F 4B 0D 0D
3E
819
820 Send timestamp - 1769098291695
821 Received timestamp - 1769098291728
822 Command time, ms - 33
823 Status - OK
824
825 === ATSH7E1 (1.0)
=====
826 ATSH7E1 OK > | 41 54 53 48 37 45 31 0D 4F 4B 0D 0D
3E
827
828 Send timestamp - 1769098291728
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829 Received timestamp - 1769098291763
830 Command time, ms - 35
831 Status - OK
832
833 === ATSH8113F0 (1.0)
=====
834 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
835
836 Send timestamp - 1769098291763
837 Received timestamp - 1769098291795
838 Command time, ms - 32
839 Status - OK
840
841 === ATST20 (1.0)
=====
842 ATST20 OK > | 41 54 53 54 32 30 0D 4F 4B 0D 0D
3E
843
844 Send timestamp - 1769098291795
845 Received timestamp - 1769098291824
846 Command time, ms - 29
847 Status - OK
848
849 === ATST32 (1.0)
=====
850 ATST32 OK > | 41 54 53 54 33 32 0D 4F 4B 0D 0D
3E
851
852 Send timestamp - 1769098291824
853 Received timestamp - 1769098291841
854 Command time, ms - 17
855 Status - OK
856
857 === ATSW00 (1.0)
=====
858 ATSW00 OK > | 41 54 53 57 30 30 0D 4F 4B 0D 0D
3E
859
860 Send timestamp - 1769098291841
861 Received timestamp - 1769098291865
862 Command time, ms - 24
863 Status - OK
864
865 === ATSW32 (1.0)
=====
866 ATSW32 OK > | 41 54 53 57 33 32 0D 4F 4B 0D 0D
3E
867
868 Send timestamp - 1769098291865
869 Received timestamp - 1769098291882
870 Command time, ms - 17
871 Status - OK
872
873 === ATSW92 (1.0)
=====
874 ATSW92 OK > | 41 54 53 57 39 32 0D 4F 4B 0D 0D
3E
875
876 Send timestamp - 1769098291883
877 Received timestamp - 1769098291899
878 Command time, ms - 16
879 Status - OK
880
881 === ATTAFO (1.4)
=====
882 ATTAFO OK > | 41 54 54 41 46 30 0D 4F 4B 0D 0D
3E
883
```

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884 Send timestamp - 1769098291899
885 Received timestamp - 1769098291916
886 Command time, ms - 17
887 Status - OK
888
889 === ATV1 (1.3)
=====
890 ATV1 OK > | 41 54 56 31 0D 4F 4B 0D 0D
3E
891
892 Send timestamp - 1769098291916
893 Received timestamp - 1769098291932
894 Command time, ms - 16
895 Status - OK
896
897 === ATV0 (1.3)
=====
898 ATV0 OK > | 41 54 56 30 0D 4F 4B 0D 0D
3E
899
900 Send timestamp - 1769098291932
901 Received timestamp - 1769098291950
902 Command time, ms - 18
903 Status - OK
904
905 === ATWM3E (1.2)
=====
906 ATWM3E OK > | 41 54 57 4D 33 45 0D 4F 4B 0D 0D
3E
907
908 Send timestamp - 1769098291950
909 Received timestamp - 1769098291965
910 Command time, ms - 15
911 Status - OK
912
913 === ATWM2100 (1.2)
=====
914 ATWM2100 OK > | 41 54 57 4D 32 31 30 30 0D 4F 4B 0D 0D
3E
915
916 Send timestamp - 1769098291966
917 Received timestamp - 1769098291982
918 Command time, ms - 16
919 Status - OK
920
921 === ATWM210000 (1.2)
=====
922 ATWM210000 OK > | 41 54 57 4D 32 31 30 30 30 30 0D 4F 4B 0D 0D
3E
923
924 Send timestamp - 1769098291982
925 Received timestamp - 1769098292001
926 Command time, ms - 19
927 Status - OK
928
929 === ATWM8113F03E (1.0)
=====
930 ATWM8113F03E OK > | 41 54 57 4D 38 31 31 33 46 30 33 45 0D 4F 4B 0D 0D
3E
931
932 Send timestamp - 1769098292001
933 Received timestamp - 1769098292018
934 Command time, ms - 17
935 Status - OK
936
937 === ATWS (1.0)
=====
938 ATWS ELM327 v1.5 > | 41 54 57 53 0D 0D 0D 45 4C 4D 33 32 37 20 76 31 2E 35 0D 0D
0D 3E
```

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939
940 Send timestamp      - 1769098292018
941 Received timestamp - 1769098292037
942 Command time, ms   - 19
943 Status              - OK
944
945 === ATZ (1.0)
=====
946 ATZ      ELM327 v1.5 > | 41 54 5A 0D EF BF BC 0D 0D 45 4C 4D 33 32 37 20 76 31 2E 35
947      0D 0D 3E
948 Send timestamp      - 1769098292038
949 Received timestamp - 1769098292864
950 Command time, ms   - 826
951 Status              - OK
952
953 === STDI (Other)
=====
954 STDI ? >           | 53 54 44 49 0D 3F 0D 0D
955      3E
956 Send timestamp      - 1769098292864
957 Received timestamp - 1769098292908
958 Command time, ms   - 44
959 Status              - Invalid command
960
961 === STDICES (Other)
=====
962 STDICES ? >       | 53 54 44 49 43 45 53 0D 3F 0D 0D
963      3E
964 Send timestamp      - 1769098292909
965 Received timestamp - 1769098292939
966 Command time, ms   - 30
967 Status              - Invalid command
968
969 === STDICPO (Other)
=====
970 STDICPO ? >      | 53 54 44 49 43 50 4F 0D 3F 0D 0D
971      3E
972 Send timestamp      - 1769098292940
973 Received timestamp - 1769098292959
974 Command time, ms   - 19
975 Status              - Invalid command
976
977 === STDITPO (Other)
=====
978 STDITPO ? >     | 53 54 44 49 54 50 4F 0D 3F 0D 0D
979      3E
980 Send timestamp      - 1769098292959
981 Received timestamp - 1769098292984
982 Command time, ms   - 25
983 Status              - Invalid command
984
985 === STI (Other)
=====
986 STI ? >         | 53 54 49 0D 3F 0D 0D
987      3E
988 Send timestamp      - 1769098292984
989 Received timestamp - 1769098293017
990 Command time, ms   - 33
991 Status              - Invalid command
992
993 === STIX (Other)
=====
994 STIX ? >        | 53 54 49 58 0D 3F 0D 0D

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3E
995
996 Send timestamp      - 1769098293017
997 Received timestamp - 1769098293042
998 Command time, ms   - 25
999 Status              - Invalid command
1000
1001 === STMFR (Other)
=====
1002 STMFR ? >          | 53 54 4D 46 52 0D 3F 0D 0D
3E
1003
1004 Send timestamp      - 1769098293042
1005 Received timestamp - 1769098293069
1006 Command time, ms   - 27
1007 Status              - Invalid command
1008
1009 === STSN (Other)
=====
1010 STSN ? >           | 53 54 53 4E 0D 3F 0D 0D
3E
1011
1012 Send timestamp      - 1769098293069
1013 Received timestamp - 1769098293087
1014 Command time, ms   - 18
1015 Status              - Invalid command
1016
1017 === VTI (Other)
=====
1018 VTI ? >            | 56 54 49 0D 3F 0D 0D
3E
1019
1020 Send timestamp      - 1769098293087
1021 Received timestamp - 1769098293102
1022 Command time, ms   - 15
1023 Status              - Invalid command
1024
1025 === VTVERS (Other)
=====
1026 VTVERS ? >         | 56 54 56 45 52 53 0D 3F 0D 0D
3E
1027
1028 Send timestamp      - 1769098293102
1029 Received timestamp - 1769098293120
1030 Command time, ms   - 18
1031 Status              - Invalid command
1032
1033
1034 Protocol test commands
1035 === ATSP1 (1.0)
=====
1036 ATSP1 OK >         | 41 54 53 50 31 0D 4F 4B 0D 0D
3E
1037
1038 Send timestamp      - 1769098293120
1039 Received timestamp - 1769098293143
1040 Command time, ms   - 23
1041 Status              - OK
1042
1043 === ATDP (1.0)
=====
1044 ATDP SAE J1850 PWM > | 41 54 44 50 0D 53 41 45 20 4A 31 38 35 30 20 50 57 4D 0D 0D
3E
1045
1046 Send timestamp      - 1769098293143
1047 Received timestamp - 1769098293169
1048 Command time, ms   - 26
1049 Status              - OK
1050

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```
1051 === ATDPN (1.0)
=====
1052 ATDPN 1 > | 41 54 44 50 4E 0D 31 0D 0D
3E
1053
1054 Send timestamp - 1769098293169
1055 Received timestamp - 1769098293197
1056 Command time, ms - 28
1057 Status - OK
1058
1059 === ATCRA7E9 (1.3)
=====
1060 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1061
1062 Send timestamp - 1769098293197
1063 Received timestamp - 1769098293237
1064 Command time, ms - 40
1065 Status - OK
1066
1067 === ATCRA000007E9 (1.3)
=====
1068 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1069
1070 Send timestamp - 1769098293237
1071 Received timestamp - 1769098293261
1072 Command time, ms - 24
1073 Status - OK
1074
1075 === ATCRA (1.4b)
=====
1076 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1077
1078 Send timestamp - 1769098293261
1079 Received timestamp - 1769098293288
1080 Command time, ms - 27
1081 Status - OK
1082
1083 === ATSP2 (1.0)
=====
1084 ATSP2 OK > | 41 54 53 50 32 0D 4F 4B 0D 0D
3E
1085
1086 Send timestamp - 1769098293288
1087 Received timestamp - 1769098293320
1088 Command time, ms - 32
1089 Status - OK
1090
1091 === ATDP (1.0)
=====
1092 ATDP SAE J1850 VPW > | 41 54 44 50 0D 53 41 45 20 4A 31 38 35 30 20 56 50 57 0D 0D
3E
1093
1094 Send timestamp - 1769098293320
1095 Received timestamp - 1769098293336
1096 Command time, ms - 16
1097 Status - OK
1098
1099 === ATDPN (1.0)
=====
1100 ATDPN 2 > | 41 54 44 50 4E 0D 32 0D 0D
3E
1101
1102 Send timestamp - 1769098293336
1103 Received timestamp - 1769098293361
1104 Command time, ms - 25
1105 Status - OK
```

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1106
1107 === ATCRA7E9 (1.3)
=====
1108 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1109
1110 Send timestamp - 1769098293361
1111 Received timestamp - 1769098293385
1112 Command time, ms - 24
1113 Status - OK
1114
1115 === ATCRA000007E9 (1.3)
=====
1116 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1117
1118 Send timestamp - 1769098293385
1119 Received timestamp - 1769098293410
1120 Command time, ms - 25
1121 Status - OK
1122
1123 === ATCRA (1.4b)
=====
1124 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1125
1126 Send timestamp - 1769098293410
1127 Received timestamp - 1769098293433
1128 Command time, ms - 23
1129 Status - OK
1130
1131 === ATSP3 (1.0)
=====
1132 ATSP3 OK > | 41 54 53 50 33 0D 4F 4B 0D 0D
3E
1133
1134 Send timestamp - 1769098293433
1135 Received timestamp - 1769098293455
1136 Command time, ms - 22
1137 Status - OK
1138
1139 === ATSH8113F0 (1.0)
=====
1140 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1141
1142 Send timestamp - 1769098293455
1143 Received timestamp - 1769098293497
1144 Command time, ms - 42
1145 Status - OK
1146
1147 === ATSH7E0 (1.0)
=====
1148 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1149
1150 Send timestamp - 1769098293497
1151 Received timestamp - 1769098293532
1152 Command time, ms - 35
1153 Status - OK
1154
1155 === ATSH000007E0 (2.0)
=====
1156 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1157
1158 Send timestamp - 1769098293532
1159 Received timestamp - 1769098293553
1160 Command time, ms - 21
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1161 Status - OK
1162
1163 === ATSI (1.4)
=====
1164 ATSI ? > | 41 54 53 49 0D 3F 0D 0D
3E
1165
1166 Send timestamp - 1769098293553
1167 Received timestamp - 1769098293584
1168 Command time, ms - 31
1169 Status - Invalid command
1170
1171 === ATFI (1.4)
=====
1172 ATFI ? > | 41 54 46 49 0D 3F 0D 0D
3E
1173
1174 Send timestamp - 1769098293585
1175 Received timestamp - 1769098293601
1176 Command time, ms - 16
1177 Status - Invalid command
1178
1179 === ATDP (1.0)
=====
1180 ATDP ISO 9141-2 > | 41 54 44 50 0D 49 53 4F 20 39 31 34 31 2D 32 0D 0D
3E
1181
1182 Send timestamp - 1769098293601
1183 Received timestamp - 1769098293623
1184 Command time, ms - 22
1185 Status - OK
1186
1187 === ATDPN (1.0)
=====
1188 ATDPN 3 > | 41 54 44 50 4E 0D 33 0D 0D
3E
1189
1190 Send timestamp - 1769098293624
1191 Received timestamp - 1769098293637
1192 Command time, ms - 13
1193 Status - OK
1194
1195 === ATCRA7E9 (1.3)
=====
1196 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1197
1198 Send timestamp - 1769098293638
1199 Received timestamp - 1769098293653
1200 Command time, ms - 15
1201 Status - OK
1202
1203 === ATCRA000007E9 (1.3)
=====
1204 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1205
1206 Send timestamp - 1769098293653
1207 Received timestamp - 1769098293670
1208 Command time, ms - 17
1209 Status - OK
1210
1211 === ATCRA (1.4b)
=====
1212 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1213
1214 Send timestamp - 1769098293670
1215 Received timestamp - 1769098293684
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1216 Command time, ms - 14
1217 Status - OK
1218
1219 === ATSP4 (1.0)
=====
1220 ATSP4 OK > | 41 54 53 50 34 0D 4F 4B 0D 0D
3E
1221
1222 Send timestamp - 1769098293684
1223 Received timestamp - 1769098293728
1224 Command time, ms - 44
1225 Status - OK
1226
1227 === ATSH8113F0 (1.0)
=====
1228 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1229
1230 Send timestamp - 1769098293728
1231 Received timestamp - 1769098293754
1232 Command time, ms - 26
1233 Status - OK
1234
1235 === ATSH7E0 (1.0)
=====
1236 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1237
1238 Send timestamp - 1769098293754
1239 Received timestamp - 1769098293781
1240 Command time, ms - 27
1241 Status - OK
1242
1243 === ATSH000007E0 (2.0)
=====
1244 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1245
1246 Send timestamp - 1769098293781
1247 Received timestamp - 1769098293807
1248 Command time, ms - 26
1249 Status - OK
1250
1251 === ATSI (1.4)
=====
1252 ATSI ? > | 41 54 53 49 0D 3F 0D 0D
3E
1253
1254 Send timestamp - 1769098293807
1255 Received timestamp - 1769098293845
1256 Command time, ms - 38
1257 Status - Invalid command
1258
1259 === ATFI (1.4)
=====
1260 ATFI ? > | 41 54 46 49 0D 3F 0D 0D
3E
1261
1262 Send timestamp - 1769098293846
1263 Received timestamp - 1769098293868
1264 Command time, ms - 22
1265 Status - Invalid command
1266
1267 === ATDP (1.0)
=====
1268 ATDP ISO 14230-4 (KWP 5B | 41 54 44 50 0D 49 53 4F 20 31 34 32 33 30 2D 34 20 28 4B 57
50 20 35 42
1269 AUD) > | 41 55 44 29 0D 0D
3E

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1270
1271 Send timestamp - 1769098293869
1272 Received timestamp - 1769098293889
1273 Command time, ms - 20
1274 Status - OK
1275
1276 === ATDPN (1.0)
=====
1277 ATDPN 4 > | 41 54 44 50 4E 0D 34 0D 0D
3E
1278
1279 Send timestamp - 1769098293889
1280 Received timestamp - 1769098293909
1281 Command time, ms - 20
1282 Status - OK
1283
1284 === ATCRA7E9 (1.3)
=====
1285 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1286
1287 Send timestamp - 1769098293909
1288 Received timestamp - 1769098293930
1289 Command time, ms - 21
1290 Status - OK
1291
1292 === ATCRA000007E9 (1.3)
=====
1293 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1294
1295 Send timestamp - 1769098293930
1296 Received timestamp - 1769098293946
1297 Command time, ms - 16
1298 Status - OK
1299
1300 === ATCRA (1.4b)
=====
1301 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1302
1303 Send timestamp - 1769098293946
1304 Received timestamp - 1769098293964
1305 Command time, ms - 18
1306 Status - OK
1307
1308 === ATSP5 (1.0)
=====
1309 ATSP5 OK > | 41 54 53 50 35 0D 4F 4B 0D 0D
3E
1310
1311 Send timestamp - 1769098293964
1312 Received timestamp - 1769098293986
1313 Command time, ms - 22
1314 Status - OK
1315
1316 === ATSH8113F0 (1.0)
=====
1317 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1318
1319 Send timestamp - 1769098293987
1320 Received timestamp - 1769098294005
1321 Command time, ms - 18
1322 Status - OK
1323
1324 === ATSH7E0 (1.0)
=====
1325 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
```

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3E
1326
1327 Send timestamp      - 1769098294005
1328 Received timestamp - 1769098294019
1329 Command time, ms   - 14
1330 Status              - OK
1331
1332 === ATSH000007E0 (2.0)
=====
1333 ATSH000007E0 OK >      | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1334
1335 Send timestamp      - 1769098294019
1336 Received timestamp - 1769098294036
1337 Command time, ms   - 17
1338 Status              - OK
1339
1340 === ATSI (1.4)
=====
1341 ATSI ? >              | 41 54 53 49 0D 3F 0D 0D
3E
1342
1343 Send timestamp      - 1769098294036
1344 Received timestamp - 1769098294050
1345 Command time, ms   - 14
1346 Status              - Invalid command
1347
1348 === ATFI (1.4)
=====
1349 ATFI ? >              | 41 54 46 49 0D 3F 0D 0D
3E
1350
1351 Send timestamp      - 1769098294050
1352 Received timestamp - 1769098294066
1353 Command time, ms   - 16
1354 Status              - Invalid command
1355
1356 === ATDP (1.0)
=====
1357 ATDP ISO 14230-4 (KWP FA | 41 54 44 50 0D 49 53 4F 20 31 34 32 33 30 2D 34 20 28 4B 57
50 20 46 41
1358 ST) >                | 53 54 29 0D 0D
3E
1359
1360 Send timestamp      - 1769098294066
1361 Received timestamp - 1769098294084
1362 Command time, ms   - 18
1363 Status              - OK
1364
1365 === ATDPN (1.0)
=====
1366 ATDPN 5 >             | 41 54 44 50 4E 0D 35 0D 0D
3E
1367
1368 Send timestamp      - 1769098294084
1369 Received timestamp - 1769098294104
1370 Command time, ms   - 20
1371 Status              - OK
1372
1373 === ATCRA7E9 (1.3)
=====
1374 ATCRA7E9 OK >        | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1375
1376 Send timestamp      - 1769098294104
1377 Received timestamp - 1769098294120
1378 Command time, ms   - 16
1379 Status              - OK
1380

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1381 === ATCRA000007E9 (1.3)
=====
1382 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1383
1384 Send timestamp - 1769098294120
1385 Received timestamp - 1769098294137
1386 Command time, ms - 17
1387 Status - OK
1388
1389 === ATCRA (1.4b)
=====
1390 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1391
1392 Send timestamp - 1769098294137
1393 Received timestamp - 1769098294151
1394 Command time, ms - 14
1395 Status - OK
1396
1397 === ATSP6 (1.0)
=====
1398 ATSP6 OK > | 41 54 53 50 36 0D 4F 4B 0D 0D
3E
1399
1400 Send timestamp - 1769098294151
1401 Received timestamp - 1769098294174
1402 Command time, ms - 23
1403 Status - OK
1404
1405 === ATSH8113F0 (1.0)
=====
1406 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1407
1408 Send timestamp - 1769098294174
1409 Received timestamp - 1769098294200
1410 Command time, ms - 26
1411 Status - OK
1412
1413 === ATSH7E0 (1.0)
=====
1414 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1415
1416 Send timestamp - 1769098294201
1417 Received timestamp - 1769098294219
1418 Command time, ms - 18
1419 Status - OK
1420
1421 === ATSH000007E0 (2.0)
=====
1422 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1423
1424 Send timestamp - 1769098294219
1425 Received timestamp - 1769098294241
1426 Command time, ms - 22
1427 Status - OK
1428
1429 === ATDP (1.0)
=====
1430 ATDP ISO 15765-4 (CAN 11 | 41 54 44 50 0D 49 53 4F 20 31 35 37 36 35 2D 34 20 28 43 41
4E 20 31 31
1431 /500) > | 2F 35 30 30 29 0D 0D
3E
1432
1433 Send timestamp - 1769098294242
1434 Received timestamp - 1769098294265

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1435 Command time, ms - 23
1436 Status - OK
1437
1438 === ATDPN (1.0)
=====
1439 ATDPN 6 > | 41 54 44 50 4E 0D 36 0D 0D
3E
1440
1441 Send timestamp - 1769098294265
1442 Received timestamp - 1769098294283
1443 Command time, ms - 18
1444 Status - OK
1445
1446 === ATCRA7E9 (1.3)
=====
1447 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1448
1449 Send timestamp - 1769098294283
1450 Received timestamp - 1769098294302
1451 Command time, ms - 19
1452 Status - OK
1453
1454 === ATCRA000007E9 (1.3)
=====
1455 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1456
1457 Send timestamp - 1769098294302
1458 Received timestamp - 1769098294320
1459 Command time, ms - 18
1460 Status - OK
1461
1462 === ATCRA (1.4b)
=====
1463 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1464
1465 Send timestamp - 1769098294320
1466 Received timestamp - 1769098294335
1467 Command time, ms - 15
1468 Status - OK
1469
1470 === ATSP7 (1.0)
=====
1471 ATSP7 OK > | 41 54 53 50 37 0D 4F 4B 0D 0D
3E
1472
1473 Send timestamp - 1769098294335
1474 Received timestamp - 1769098294361
1475 Command time, ms - 26
1476 Status - OK
1477
1478 === ATSH8113F0 (1.0)
=====
1479 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1480
1481 Send timestamp - 1769098294361
1482 Received timestamp - 1769098294391
1483 Command time, ms - 30
1484 Status - OK
1485
1486 === ATSH7E0 (1.0)
=====
1487 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1488
1489 Send timestamp - 1769098294391
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1490 Received timestamp - 1769098294426
1491 Command time, ms - 35
1492 Status - OK
1493
1494 === ATSH000007E0 (2.0)
=====
1495 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1496
1497 Send timestamp - 1769098294426
1498 Received timestamp - 1769098294449
1499 Command time, ms - 23
1500 Status - OK
1501
1502 === ATDP (1.0)
=====
1503 ATDP ISO 15765-4 (CAN 29 | 41 54 44 50 0D 49 53 4F 20 31 35 37 36 35 2D 34 20 28 43 41
4E 20 32 39
1504 /500) > | 2F 35 30 30 29 0D 0D
3E
1505
1506 Send timestamp - 1769098294449
1507 Received timestamp - 1769098294485
1508 Command time, ms - 36
1509 Status - OK
1510
1511 === ATDPN (1.0)
=====
1512 ATDPN 7 > | 41 54 44 50 4E 0D 37 0D 0D
3E
1513
1514 Send timestamp - 1769098294485
1515 Received timestamp - 1769098294542
1516 Command time, ms - 57
1517 Status - OK
1518
1519 === ATCRA7E9 (1.3)
=====
1520 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1521
1522 Send timestamp - 1769098294542
1523 Received timestamp - 1769098294581
1524 Command time, ms - 39
1525 Status - OK
1526
1527 === ATCRA000007E9 (1.3)
=====
1528 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1529
1530 Send timestamp - 1769098294581
1531 Received timestamp - 1769098294616
1532 Command time, ms - 35
1533 Status - OK
1534
1535 === ATCRA (1.4b)
=====
1536 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1537
1538 Send timestamp - 1769098294617
1539 Received timestamp - 1769098294639
1540 Command time, ms - 22
1541 Status - OK
1542
1543 === ATSP8 (1.0)
=====
1544 ATSP8 OK > | 41 54 53 50 38 0D 4F 4B 0D 0D
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3E
1545
1546 Send timestamp      - 1769098294640
1547 Received timestamp - 1769098294677
1548 Command time, ms   - 37
1549 Status              - OK
1550
1551 === ATSH8113F0 (1.0)
=====
1552 ATSH8113F0 OK >      | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1553
1554 Send timestamp      - 1769098294677
1555 Received timestamp - 1769098294733
1556 Command time, ms   - 56
1557 Status              - OK
1558
1559 === ATSH7E0 (1.0)
=====
1560 ATSH7E0 OK >        | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1561
1562 Send timestamp      - 1769098294734
1563 Received timestamp - 1769098294778
1564 Command time, ms   - 44
1565 Status              - OK
1566
1567 === ATSH000007E0 (2.0)
=====
1568 ATSH000007E0 OK >   | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1569
1570 Send timestamp      - 1769098294779
1571 Received timestamp - 1769098294819
1572 Command time, ms   - 40
1573 Status              - OK
1574
1575 === ATDP (1.0)
=====
1576 ATDP ISO 15765-4 (CAN 11 | 41 54 44 50 0D 49 53 4F 20 31 35 37 36 35 2D 34 20 28 43 41
4E 20 31 31
1577 /250) >            | 2F 32 35 30 29 0D 0D
3E
1578
1579 Send timestamp      - 1769098294819
1580 Received timestamp - 1769098294852
1581 Command time, ms   - 33
1582 Status              - OK
1583
1584 === ATDPN (1.0)
=====
1585 ATDPN 8 >           | 41 54 44 50 4E 0D 38 0D 0D
3E
1586
1587 Send timestamp      - 1769098294852
1588 Received timestamp - 1769098294896
1589 Command time, ms   - 44
1590 Status              - OK
1591
1592 === ATCRA7E9 (1.3)
=====
1593 ATCRA7E9 OK >       | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1594
1595 Send timestamp      - 1769098294897
1596 Received timestamp - 1769098294933
1597 Command time, ms   - 36
1598 Status              - OK
1599

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1600 === ATCRA000007E9 (1.3)
=====
1601 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1602
1603 Send timestamp - 1769098294933
1604 Received timestamp - 1769098294961
1605 Command time, ms - 28
1606 Status - OK
1607
1608 === ATCRA (1.4b)
=====
1609 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1610
1611 Send timestamp - 1769098294962
1612 Received timestamp - 1769098294990
1613 Command time, ms - 28
1614 Status - OK
1615
1616 === ATSP9 (1.0)
=====
1617 ATSP9 OK > | 41 54 53 50 39 0D 4F 4B 0D 0D
3E
1618
1619 Send timestamp - 1769098294991
1620 Received timestamp - 1769098295035
1621 Command time, ms - 44
1622 Status - OK
1623
1624 === ATSH8113F0 (1.0)
=====
1625 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1626
1627 Send timestamp - 1769098295036
1628 Received timestamp - 1769098295058
1629 Command time, ms - 22
1630 Status - OK
1631
1632 === ATSH7E0 (1.0)
=====
1633 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1634
1635 Send timestamp - 1769098295058
1636 Received timestamp - 1769098295084
1637 Command time, ms - 26
1638 Status - OK
1639
1640 === ATSH000007E0 (2.0)
=====
1641 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1642
1643 Send timestamp - 1769098295084
1644 Received timestamp - 1769098295108
1645 Command time, ms - 24
1646 Status - OK
1647
1648 === ATDP (1.0)
=====
1649 ATDP ISO 15765-4 (CAN 29 | 41 54 44 50 0D 49 53 4F 20 31 35 37 36 35 2D 34 20 28 43 41
4E 20 32 39
1650 /250) > | 2F 32 35 30 29 0D 0D
3E
1651
1652 Send timestamp - 1769098295108
1653 Received timestamp - 1769098295134

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1654 Command time, ms - 26
1655 Status - OK
1656
1657 === ATDPN (1.0)
=====
1658 ATDPN 9 > | 41 54 44 50 4E 0D 39 0D 0D
3E
1659
1660 Send timestamp - 1769098295135
1661 Received timestamp - 1769098295151
1662 Command time, ms - 16
1663 Status - OK
1664
1665 === ATCRA7E9 (1.3)
=====
1666 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1667
1668 Send timestamp - 1769098295151
1669 Received timestamp - 1769098295167
1670 Command time, ms - 16
1671 Status - OK
1672
1673 === ATCRA000007E9 (1.3)
=====
1674 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1675
1676 Send timestamp - 1769098295167
1677 Received timestamp - 1769098295184
1678 Command time, ms - 17
1679 Status - OK
1680
1681 === ATCRA (1.4b)
=====
1682 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1683
1684 Send timestamp - 1769098295184
1685 Received timestamp - 1769098295199
1686 Command time, ms - 15
1687 Status - OK
1688
1689 === ATSPA (1.0)
=====
1690 ATSPA OK > | 41 54 53 50 41 0D 4F 4B 0D 0D
3E
1691
1692 Send timestamp - 1769098295200
1693 Received timestamp - 1769098295227
1694 Command time, ms - 27
1695 Status - OK
1696
1697 === ATSH8113F0 (1.0)
=====
1698 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1699
1700 Send timestamp - 1769098295228
1701 Received timestamp - 1769098295262
1702 Command time, ms - 34
1703 Status - OK
1704
1705 === ATSH7E0 (1.0)
=====
1706 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1707
1708 Send timestamp - 1769098295262
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1709 Received timestamp - 1769098295291
1710 Command time, ms - 29
1711 Status - OK
1712
1713 === ATSH000007E0 (2.0)
=====
1714 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1715
1716 Send timestamp - 1769098295291
1717 Received timestamp - 1769098295324
1718 Command time, ms - 33
1719 Status - OK
1720
1721 === ATDP (1.0)
=====
1722 ATDP J1939 (CAN 29/250) | 41 54 44 50 0D 4A 31 39 33 39 20 28 43 41 4E 20 32 39 2F 32
35 30 29 0D
1723 > | 0D
3E
1724
1725 Send timestamp - 1769098295325
1726 Received timestamp - 1769098295357
1727 Command time, ms - 32
1728 Status - OK
1729
1730 === ATDPN (1.0)
=====
1731 ATDPN : > | 41 54 44 50 4E 0D 3A 0D 0D
3E
1732
1733 Send timestamp - 1769098295357
1734 Received timestamp - 1769098295386
1735 Command time, ms - 29
1736 Status - OK
1737
1738 === ATCRA7E9 (1.3)
=====
1739 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1740
1741 Send timestamp - 1769098295387
1742 Received timestamp - 1769098295406
1743 Command time, ms - 19
1744 Status - OK
1745
1746 === ATCRA000007E9 (1.3)
=====
1747 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1748
1749 Send timestamp - 1769098295406
1750 Received timestamp - 1769098295431
1751 Command time, ms - 25
1752 Status - OK
1753
1754 === ATCRA (1.4b)
=====
1755 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1756
1757 Send timestamp - 1769098295431
1758 Received timestamp - 1769098295447
1759 Command time, ms - 16
1760 Status - OK
1761
1762 === ATSPB (1.0)
=====
1763 ATSPB OK > | 41 54 53 50 42 0D 4F 4B 0D 0D
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3E
1764
1765 Send timestamp      - 1769098295447
1766 Received timestamp - 1769098295474
1767 Command time, ms   - 27
1768 Status             - OK
1769
1770 === ATSH8113F0 (1.0)
=====
1771 ATSH8113F0 OK >      | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1772
1773 Send timestamp      - 1769098295474
1774 Received timestamp - 1769098295498
1775 Command time, ms   - 24
1776 Status             - OK
1777
1778 === ATSH7E0 (1.0)
=====
1779 ATSH7E0 OK >        | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1780
1781 Send timestamp      - 1769098295498
1782 Received timestamp - 1769098295522
1783 Command time, ms   - 24
1784 Status             - OK
1785
1786 === ATSH000007E0 (2.0)
=====
1787 ATSH000007E0 OK >   | 41 54 53 48 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1788
1789 Send timestamp      - 1769098295522
1790 Received timestamp - 1769098295539
1791 Command time, ms   - 17
1792 Status             - OK
1793
1794 === ATDP (1.0)
=====
1795 ATDP USER1 (CAN 11/125) | 41 54 44 50 0D 55 53 45 52 31 20 28 43 41 4E 20 31 31 2F 31
32 35 29 0D
1796 >                  | 0D
3E
1797
1798 Send timestamp      - 1769098295539
1799 Received timestamp - 1769098295563
1800 Command time, ms   - 24
1801 Status             - OK
1802
1803 === ATDPN (1.0)
=====
1804 ATDPN ; >           | 41 54 44 50 4E 0D 3B 0D 0D
3E
1805
1806 Send timestamp      - 1769098295563
1807 Received timestamp - 1769098295580
1808 Command time, ms   - 17
1809 Status             - OK
1810
1811 === ATCRA7E9 (1.3)
=====
1812 ATCRA7E9 OK >      | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1813
1814 Send timestamp      - 1769098295580
1815 Received timestamp - 1769098295604
1816 Command time, ms   - 24
1817 Status             - OK
1818

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1819 === ATCRA000007E9 (1.3)
=====
1820 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1821
1822 Send timestamp - 1769098295604
1823 Received timestamp - 1769098295622
1824 Command time, ms - 18
1825 Status - OK
1826
1827 === ATCRA (1.4b)
=====
1828 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1829
1830 Send timestamp - 1769098295622
1831 Received timestamp - 1769098295647
1832 Command time, ms - 25
1833 Status - OK
1834
1835 === ATSPC (1.0)
=====
1836 ATSPC OK > | 41 54 53 50 43 0D 4F 4B 0D 0D
3E
1837
1838 Send timestamp - 1769098295647
1839 Received timestamp - 1769098295675
1840 Command time, ms - 28
1841 Status - OK
1842
1843 === ATSH8113F0 (1.0)
=====
1844 ATSH8113F0 OK > | 41 54 53 48 38 31 31 33 46 30 0D 4F 4B 0D 0D
3E
1845
1846 Send timestamp - 1769098295675
1847 Received timestamp - 1769098295701
1848 Command time, ms - 26
1849 Status - OK
1850
1851 === ATSH7E0 (1.0)
=====
1852 ATSH7E0 OK > | 41 54 53 48 37 45 30 0D 4F 4B 0D 0D
3E
1853
1854 Send timestamp - 1769098295701
1855 Received timestamp - 1769098295727
1856 Command time, ms - 26
1857 Status - OK
1858
1859 === ATSH000007E0 (2.0)
=====
1860 ATSH000007E0 OK > | 41 54 53 48 30 30 30 30 30 37 45 30 0D 4F 4B 0D 0D
3E
1861
1862 Send timestamp - 1769098295727
1863 Received timestamp - 1769098295769
1864 Command time, ms - 42
1865 Status - OK
1866
1867 === ATDP (1.0)
=====
1868 ATDP USER2 (CAN 11/50) | 41 54 44 50 0D 55 53 45 52 32 20 28 43 41 4E 20 31 31 2F 35
30 29 0D 0D
1869 > |
3E
1870
1871 Send timestamp - 1769098295769
1872 Received timestamp - 1769098295788
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1873 Command time, ms - 19
1874 Status - OK
1875
1876 === ATDPN (1.0)
=====
1877 ATDPN < > | 41 54 44 50 4E 0D 3C 0D 0D
3E
1878
1879 Send timestamp - 1769098295788
1880 Received timestamp - 1769098295808
1881 Command time, ms - 20
1882 Status - OK
1883
1884 === ATCRA7E9 (1.3)
=====
1885 ATCRA7E9 OK > | 41 54 43 52 41 37 45 39 0D 4F 4B 0D 0D
3E
1886
1887 Send timestamp - 1769098295808
1888 Received timestamp - 1769098295833
1889 Command time, ms - 25
1890 Status - OK
1891
1892 === ATCRA000007E9 (1.3)
=====
1893 ATCRA000007E9 OK > | 41 54 43 52 41 30 30 30 30 30 37 45 39 0D 4F 4B 0D 0D
3E
1894
1895 Send timestamp - 1769098295833
1896 Received timestamp - 1769098295857
1897 Command time, ms - 24
1898 Status - OK
1899
1900 === ATCRA (1.4b)
=====
1901 ATCRA OK > | 41 54 43 52 41 0D 4F 4B 0D 0D
3E
1902
1903 Send timestamp - 1769098295857
1904 Received timestamp - 1769098295882
1905 Command time, ms - 25
1906 Status - OK
1907
1908 === ATSPA5 (1.0)
=====
1909 ATSPA5 OK > | 41 54 53 50 41 35 0D 4F 4B 0D 0D
3E
1910
1911 Send timestamp - 1769098295882
1912 Received timestamp - 1769098295908
1913 Command time, ms - 26
1914 Status - OK
1915
1916 === ATTPA5 (1.0)
=====
1917 ATTPA5 OK > | 41 54 54 50 41 35 0D 4F 4B 0D 0D
3E
1918
1919 Send timestamp - 1769098295908
1920 Received timestamp - 1769098295941
1921 Command time, ms - 33
1922 Status - OK
1923
1924 === ATTP5 (1.0)
=====
1925 ATTP5 OK > | 41 54 54 50 35 0D 4F 4B 0D 0D
3E
1926
1927 Send timestamp - 1769098295942

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1928 Received timestamp - 1769098295978
1929 Command time, ms - 36
1930 Status - OK
1931
1932 === ATSP00 (1.3)
=====

1933 ATSP00 OK > | 41 54 53 50 30 30 0D 4F 4B 0D 0D
3E

1934
1935 Send timestamp - 1769098295979
1936 Received timestamp - 1769098296009
1937 Command time, ms - 30
1938 Status - OK
1939
1940